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1900
FOR THE

FARM & GARDEN

Strictly Pure and
Reliable



GROWN & IMPORTED
BY

J. F. NOLL & CO.

111 Mulberry Street
NEWARK, N.J.

January 1, 1900

J. F. NOLL & CO. give no warranty, express or implied, as to description, quality, productiveness, or any other matter, of any Seeds they send out, and they will not be in any way responsible for the crop. If the purchaser does not accept the Goods on these terms they are at once to be returned.




THIS CATALOGUE may perhaps reach some to whom NOLL'S SEEDS are as yet unknown and who are therefore not familiar with their excellent qualities. Our aim has been to establish a seed house NOTED FOR RELIABILITY, and at the present time no house bears a better name, and no brands of seeds are considered more safe or satisfactory than those offered by us. While our prices are much lower than most houses, we would state that it is not our aim to compete (*quality* and not *price* is our motto), but to supply our patrons and friends with only the very best stocks that can be grown. *No order is too large or too small to receive our careful attention*, and we are always glad to give any information in our power to our customers on any subject pertaining to our business.

HOW TO ORDER

REMIT AMOUNT WITH ORDER.—Money can be sent safely by post-office order, express money order, bank draft or check.

CASH.—Notes, silver or postage stamps (two-cent) may also be sent at our risk and expense, by registering your letter, which can be done at any post-office in America.


C. O. D.—Orders can be sent by express, collect on delivery, if \$2.00 is sent with the order as a guarantee of good faith. There is little need for C. O. D. Shipments, however, as even where we are not known personally you can ascertain our responsibility by consulting the Mercantile Agencies at any bank.  Goods can NOT be sent C. O. D. by freight, and, of course, on heavy orders it is cheaper to ship by freight.

OUR PRICES include new seamless bags, boxes, packing and free delivery on board cars or steamers here. WE GUARANTEE the safe arrival of all shipments in good condition.

SEEDS BY MAIL

WE PAY THE POSTAGE on the seeds in packets, ounces and quarter-pounds purchased from this catalogue.

We only charge postage on bulk quantities, viz.: Customers will please add at the rate of 8 cents per pound to the catalogue prices for seeds purchased in quantities of $\frac{1}{2}$ pound and upwards of one variety, and to the catalogue price of Peas and Beans at the rate of 15 cents per quart, and to Corn at the rate of 10 cents per quart, to pay postage.

ESTIMATES BY MAIL.—While the prices quoted in this list are very low for the quality, yet where Market Gardeners, Farmers' Clubs, etc., require a large quantity of seed, we can frequently make a better price than we could afford on smaller orders.  Therefore, before being induced by lower prices to place your order elsewhere, please write to us, giving a list of quantities and varieties required, when we will send an estimate by return mail.

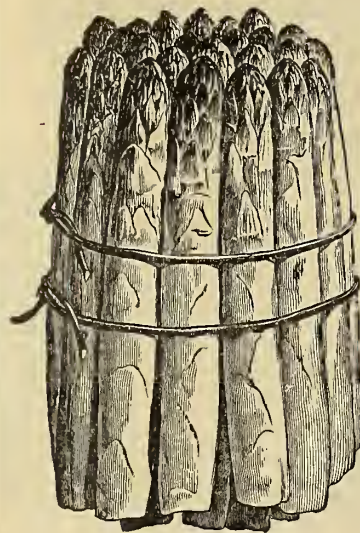
J. F. NOLL & CO.,

111 Mulberry Street, Newark, N. J.

RELIABLE VEGETABLE SEEDS

ASPARAGUS

One ounce will sow 40 feet of drill, 15 lbs. to the acre.



ASPARAGUS

Barr's Philadelphia Mammoth. The finest, largest, earliest and most productive asparagus for the market gardener to grow.

Stalks frequently measure two inches in diameter, and even when twelve to fifteen inches long are perfectly tender. The quality is exceedingly fine, the growth rapid, and remains in good tender condition several days after being ready to cut. It is very productive, throwing up a perfect mass of large stalks of medium green color. Very handsome in appearance and invariably commands a much higher price than any other variety. Oz., 10c., $\frac{1}{4}$ lb. 20c., lb. 50c.

Conover's Colossal.

The standard variety, of large size; tender and of excellent quality. Oz. 10c., $\frac{1}{4}$ lb. 15c., lb. 45c.

Palmetto. Of Southern origin; a very desirable bright green asparagus. Oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 75c.

Columbian Mammoth White. A variety producing largely white shoots. Oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 75c.

Donald's Elmira (new). Large, succulent and tender; most profitable for market. Oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 90c.

ASPARAGUS ROOTS

Two Years Old, Extra Healthy and Strong Roots

Barr's Philadelphia Mammoth. Per 100 75c., per 1000 \$5.00.

Conover's Colossal. Per 100 60c., per 1000 \$4.50.

Donald's Elmira. Good strong roots. Per 100 \$1.00, per 1000 \$6.00.

Palmetto. Per 100 80c., per 1000 \$5.00.

Columbian Mammoth White. Per 100 \$1.00, per 1,000 \$6.00.

ARTICHOKE

Large Green Globe. Oz. 30c., lb. \$3.00.

Jerusalem Artichoke Roots. This variety is not produced from seed. They are sometimes used as a table vegetable when picked, but their greatest value is for feeding stock. Qt. 15c., pk. \$1.00, bush. \$3.00.

BEETS

One ounce will sow 50 feet of drill, 5 lbs. per acre.

Crosby's Improved Egyptian. This extremely early variety, considered by many to be the earliest beet grown today, is a selection out of the well-known Egyptian. In shape it is not so flat, and entirely devoid of cracking at the bottom; leaves very small and compact, and set very close to centre of the bulb. It is, without doubt, one of the finest types of pure, dark-red turnip beets in cultivation. Oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

BEETS—Continued.

Early Egyptian Turnip. A standard sort, being from ten to twelve days earlier than the old Blood Turnip. From the smallness of the tops of the Egyptian at least one-fourth more can be grown on the same space than any other variety. Oz. 10c., $\frac{1}{4}$ lb. 15c., lb. 50c.

Eclipse. This variety possesses all the qualities requisite in a first-class Beet, and is of a uniform globular shape. The roots are a bright glossy red, fine-grained and delicious, with none of that earthy flavor so objectionable in many varieties. Oz. 10c., $\frac{1}{4}$ lb. 15c., lb. 50c.

Detroit Dark Red. Medium in size, always smooth and very free from small roots. Tops are about eighteen inches in height and of most attractive color. The flesh is tender, fine-grained, and remains so, long after many other sorts have become woody. It is admirable for early or late marketing. Oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Edmand's. While not strictly a first early Beet, it follows very closely and is the most uniform of all Turnip Beets. The roots are handsome and round, very smooth, of good marketable size, and for table use no variety can excel it in fine quality. The skin is deep blood-red; the flesh also is dark red and exceedingly sweet and tender. Oz. 10c., $\frac{1}{4}$ lb. 15c., lb. 50c.

Improved Arlington. Of medium size and a dark rich blood-red color. One of the strongest points in favor of this variety is the fact that it does not get bitter and stringy when it is a little old, as is the case with many other varieties. Oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 60c.

Bastian's Blood Turnip. A good second early variety, closely following Egyptian and Eclipse. Oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 50c.

Lentz. An extra early Turnip Beet with a very small top, producing a crop in six weeks from time of planting. It keeps well and is productive. Oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 50c.

Dewing's Improved Blood Turnip. An improved variety of the Early Blood Turnip, of deep blood-red color, fine form and flavor; an excellent market sort. Oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 55c.

Long Smooth Blood-Red. An excellent late variety, a great improvement on the common Long Blood. Oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 45c.

Swiss Chard, Silver or Sea-Kale Beet. Oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 50c.



CROSBY'S IMPROVED EGYPTIAN BEET.

BEETS—Continued.**Mangel=Wurzel and Sugar Beets.**

Five pounds are sown to the acre.

Mammoth Long Red. This is an enormously productive variety, yielding from fifty to seventy tons to the acre, a single root often weighing from twenty to thirty pounds. It is the best Long Red Mangle and very valuable for stock feeding. Oz. 5c., lb. 30c.

Golden Tankard. The best Yellow Mangel in cultivation. Relished by milch cows and sheep. Maturing earlier than other large sorts. Oz. 5c., lb. 30c.

Chirk Castle Mammoth. (New.) Largest, heaviest and most productive of all. Red, long and abroad. Oz. 10c., lb. 50c., 5 lbs. \$2.25.

Vilmorin's Improved White Sugar. Oz. 5c., lb. 40c.,

BEANS—One quart will plant about 200 hills, or a drill 100 feet long.

Dwarf Green Podded Sorts**Improved Round Pod Extra Early Valentine Bean**

Market gardeners will find this a great improvement over many existing sorts green pod beans, it being fully ten days earlier than the old Early Red Valentine and will often pick thirty-five days from time of planting. The pods are smooth, round, stringless, thickly set, remaining tender for a long time after being fit to pull, which is a very valuable feature, and have a peculiar rich, delicious flavor. Habit of vine, dwarf, very uniform, making little top growth, ripens uniformly, producing an enormous yield. Pt. 20c., qt. 35c., pk. \$2.00, bus. \$7.50.

Extra Early Refugee. It is similar in every respect to the ordinary Refugee, but is nearly two weeks earlier. It is enormously prolific, and from its earliness is almost certain to produce a crop, no matter how unfavorable the season. In quality it is unexcelled, being exceptionally free from string, and meltingly tender at all stages of its growth. Pt. 15c., qt. 25c., pk. \$1.75, bush. \$6.50.

Refugee, or Thousand to One. This has always been popular; it is a very productive medium or late variety. The young pods are tender, of fine flavor and of handsome appearance. Is extensively grown for pickling. Pt. 15c., qt. 25c., pk. \$1.75, bush. \$6.50.

Long Yellow Six Weeks. Early, very productive and of excellent quality. Pods often eight inches long. Seeds, when ripe, yellowish dun color. Pt. 15c., qt. 25c., pk. \$1.75, bush. \$7.50.

Boston Pea or Navy Bean. An excellent variety, very productive; for baking they excel all other sorts. Pt. 10c., qt. 20c., pk. \$1.25.

White Kidney. Pt. 10c., qt. 20c., pk. \$1.00.

White Marrowfat. Extensively grown for sale as a dry bean for winter use. Excellent shelled, either green or dry. Pt. 10c., qt. 20c., pk. \$1.00



IMPROVED ROUND POD EXTRA EARLY VALENTINE BEAN

BEANS—Continued.**Dwarf Wax Sorts**

WARDWELL'S IMPROVED KIDNEY WAX BEAN

Wardwell's Improved Kidney Wax. One of the best sorts yet introduced. It sells twice as well and at a much higher price than the old well-known Dwarf German Black Wax or Golden Wax, the pods being longer, broader and of a brighter, yellow color, much superior in quality, tender and stringless. The vines are of a vigorous growth, hardy and remarkably productive. Pods ripen evenly from blossom to stem end, and are borne well up from the ground. Pt. 15c., qt. 25c., pk. \$1.75, bush. \$6.50.

Davis Kidney Wax. An enormous productive, rustless wax-podded bush bean, having clear white kidney-shaped seed. Extensive trials by practical market gardeners have proven this bean the largest cropper, hardiest, the handsomest pod, the best shipping and market Wax Bean in cultivation. The pods are very long, oval, clear waxy-white color, and, when of suitable size to use for snaps, entirely stringless, showing no tendency to string until they approach maturity. The large, white, handsome, kidney-shaped dry beans are very attractive and excellent for baking. Pt. 20c., qt. 35c., pk. \$2.00, bush. \$7.50.

New Valentine Wax. The earliest wax variety. Wonderfully prolific and free from rust. Pt. 15c., qt. 25c., pk. \$1.75, bush. \$6.50.

Improved Refugee Wax. New stringless bean. This new variety is one of the earliest beans grown. It is a perfect Refugee, with wax pods that are long, round and of golden yellow color. It is suitable for early or late sowing, and when sown in the spring it will give seed in time for a second crop in the fall. It is an immense yielder. They are not only one of the best for general use, but the best and only perfect Wax Bean for canners' use. Pt. 15c., qt. 25c., pk. \$1.65, bush. \$6.00.

New Prolific German or Cylinder Black Wax. Very superior to the old strain, being much earlier and more productive. Pods perfectly round, straighter, longer and of an even, rich golden color. Pt. 15c., qt. 25c., pk. \$1.50, bush. \$5.50.

Well-Known Pole Beans

Dutch Case Knife. Flat pods. Qt. 30c.

Scarlet Runner. Ornamental. Qt. 30c.

Horticultural, or Speckled Cranberry. Good as a snap or as a shell bean. Qt. 30c.

Lazy Wife's. Largest green pod Pole Bean. Qt. 40c.

LIMA BEANS

Pole Varieties

One quart will plant 150 hills.

FORD'S MAMMOTH PODDED LIMA BEAN

This grand new Lima Bean is the result of over twenty years' selection by James Ford, one of the oldest and most successful market gardeners around Philadelphia. In Mammoth size, great productiveness and fine quality, it far surpasses even such varieties as the King of the Garden, Salem Improved and other fine sorts. The pods grow to an average length of eight inches, and are produced in great clusters, with from five to seven beans per pod, of most excellent quality, for using either green or dry. The vines grow vigorously, setting the beans early at the bottom of the pole, and continue in bearing right up to frost. Ford's Mammoth Podded is without exception the largest podded, finest flavored and most productive of all Lima Beans. Pt. 20c., qt. 35c., pk. \$2.00, bush, \$7.50.

King of the Garden Lima.

More prolific than the ordinary lima, bearing pods five to six inches long in clusters of four and five, with five to six beans in a pod. Pt. 15c., qt. 30c., pk. \$1.75, bush. \$6.50.

Jersey Early Extra Lima.

The pods are large and numerous, invariably having from four to five beans in each pod. These beans appear in market nearly two weeks ahead of ordinary limas. Pt. 15c., qt. 30c., pk. \$1.75, bush. \$6.50.

Dreer's Improved, or Challenger Pole Lima. This popular bean when green is as large as the Large Lima, thicker, sweeter and more tender and nutritious, remaining green in the pod a long time after maturing. Pt. 20c., qt. 35c., pk. \$2.00, bush. \$7.50.

Seibert's Early Pole Lima. The earliest true pole Lima Bean. No progressive gardener should fail to plant it. Pt. 20c., qt. 35c., pk. \$2.00, bush. \$7.50.

LIMA BEANS—Continued.

...Best Dwarf Varieties...

Burpee's Bush.. Lima Bean

The true Bush form of the large Lima Pole Bean. It grows to a height of eighteen to twenty inches, forming a circular bush, requiring no poles or stakes, yielding from fifty to one hundred and fifty fine pods, similar to those grown on the Large Lima Pole Bean. Pt. 20c., qt. 35c., pk. \$2.00, bush. \$8.00.

Dreer's Bush Large Lima Bean possesses all the good qualities of the Dreer's Improved Pole Lima, which has long been admitted one of the best in quality. It is of true bushy habit, growing vigorously, about two feet high, showing no disposition to run. It produces pods in great abundance. The beans grow close together, four, and sometimes five, in a pod, and are very thick, sweet and succulent. Pt. 25c., qt. 40c., pk. \$2.25, bush. \$8.00.

Henderson's Dwarf Lima Bean. The first of the Bush form of Limas to be introduced some years since, and is enormously productive. Pt. 15c., qt. 30c., pk. \$1.75, bush. \$6.50.

Our Lima Beans are New Jersey-grown and much superior in both quality and productiveness to the California-grown beans, which are now sold by many seedsmen.

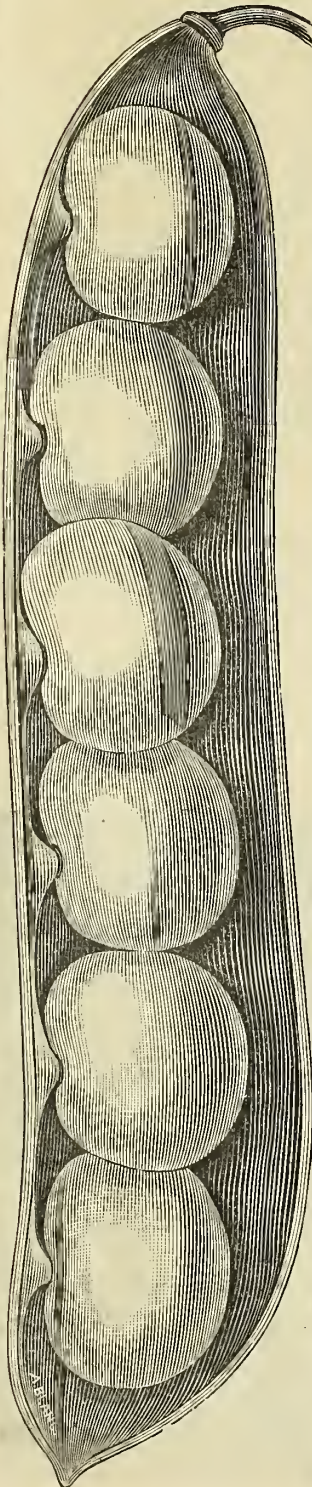
BROCCOLI

This very much resembles Cauliflower in appearance and uses, but is by many considered more delicate.

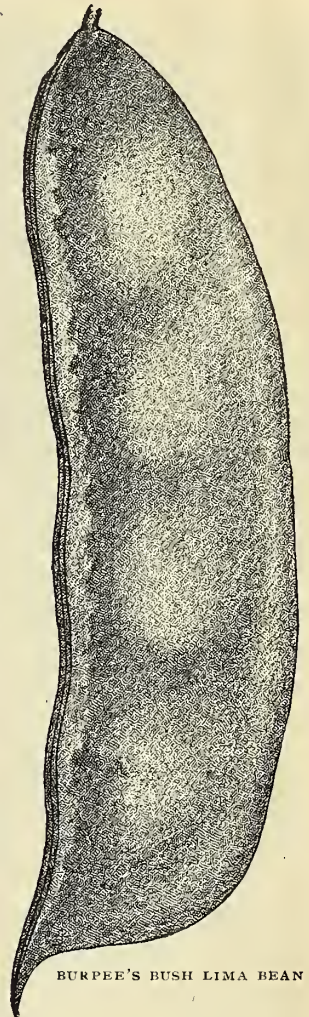
Early Purple Cape. Best for the North, producing compact heads. Pkt. 10c., oz. 30c., ¼ lb. 85c., lb. \$3.00.

BRUSSELS SPROUTS

Improved Half Dwarf, or Paris Market. The most productive variety, bearing handsome solid sprouts of the best quality. Oz., 15c., ¼ lb. 50c., lb. \$1.75.



FORD'S
MAMMOTH PODDED LIMA BEAN



BURPEE'S BUSH LIMA BEAN

CABBAGE—Selected American— Grown Seed

One ounce will produce about 2,000 plants.



EARLY JERSEY WAKEFIELD CABBAGE.

Noll's Ideal Extra Early Cabbage. We have used the utmost care in the selection of this superb extra early variety, and it pleases us to state that we really have a superior strain to offer our market garden friends, and hope they will avail themselves of the opportunity to get our **extra stock**. Slightly conical in shape, remarkably solid and uniform in growth, with heads as large as the Early Jersey Wakefield. It can be cut *twelve days earlier*. For vigor of growth, fine quality, and handsome appearance, it is unsurpassed. Half oz. 15c., oz. 30c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

Early Jersey Wakefield. Selected Stock. Many market gardeners consider this THE VERY BEST EARLY CABBAGE in cultivation. Heads pyramidal in shape, having a blunted or rounded peak. This is the sort mostly used for wintering over in cold frames. The seed we offer is **FIRST-CLASS** and sure to give satisfaction. Half oz. 15c., oz. 30c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

Very Early Etampes. Heads oblong, rounded at top, solid and firm, medium size, very fine quality. Oz. 10c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

Extra Early Express. While not as large as Jersey Wakefield, it is several days earlier, and for a **FIRST EARLY** variety cannot be excelled. Resembles the Etampes in character and appearance, having solid, compact heads of conical form, of yellowish-green color; very dwarf and uniform, desirable as a quick forcing sort. Oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

Large Wakefield, or Charleston Wakefield. A selection from Early Jersey Wakefield, only it is about a week later than that popular early variety, but grows much larger, heads often averaging 15 to 18 pounds; as solid as Winningstadt. Half oz. 15c., oz. 30c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

Stein's Early Flat Dutch. A remarkably fine strain; a sure header, the head weighing from 10 to 12 pounds. Most valuable for forcing or for general crop. Oz. 30c., $\frac{1}{4}$ lb. 85c., lb. \$3.00.

Henderson's Early Summer. Selected Stock. About 10 days later than the Wakefield, but being fully double the size, it may be classed as decidedly the best large Early Cabbage, and is deservedly popular with market gardeners. In weight it is equal to most of the late varieties, and its short outer leaves allow it to be planted nearly as close as the Wakefield. It keeps longer without bursting open than any variety we know of. Half oz. 10c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

Early Winningstadt. THE OLD STANDBY. Well known and very popular everywhere; in season very close to the Wakefield. Heads large, decidedly conical, leaves bright, glossy-green, solid and hard, even in summer. A very sure heading variety, valuable not only for early use, but also for winter cabbage. As near worm-proof as any cabbage in the list. Oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

All Seasons. An excellent variety for any season. It can be used as a summer or fall variety. Head of fine shape, quality excellent. Oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.75.

Genuine Burpee's Sure Head. Is a very reliable header, large, round, flattened heads of the Flat Dutch type; a good keeper and shipper; exceedingly popular. Half oz. 10c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

Early Louisville Drumhead. A favorite about Cincinnati and Louisville, where it has been grown for more than 40 years. Heads very large and solid; a sure header; will stand without bursting almost the entire summer. For winter use, sow late in the season. Half oz. 10c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

Henderson's Succession. About one week later than the Early Summer, but nearly double the size, while it can be planted nearly as close, its outer leaves being unusually short. One of its characteristics is the fact that it is always sure to head. Half oz. 10c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.25.

Premium Flat Dutch. The old standard variety for main crop. It has long stood the test, and is yet one of the very best. Oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.75.

Autumn King, or World-Beater. A new strain of late cabbage which is highly spoken of by all gardeners who have thus far tested it. The heads are of enormous size and very solid. It has few outer leaves, and owing to this fact it is claimed that it will produce a greater weight of crop from the same space of ground than most late cabbages. Oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

Short Stem Drumhead. This improved variety *far surpasses* the old strain of Large Late Drumhead Cabbage, ripening *earlier*, with very short stock or stem, forming *larger and thicker* heads, of fine quality and the best of keepers. Oz. 25c., $\frac{1}{4}$ lb. 70c., lb. \$2.25.

Danish Ball Head Cabbage. A very popular variety from Denmark, where it is grown, and shipped in immense quantities to London and other large cities. Heads are globular in shape, of medium size and very solid. It matures about the same time as Fottler's Brunswick. Half oz. 15c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.



NOLL'S IDEAL EXTRA EARLY CABBAGE.

CABBAGE—Continued.

Noll's Perfection Hard-Heading Savoy Cabbage

Market Gardener's Private Stock

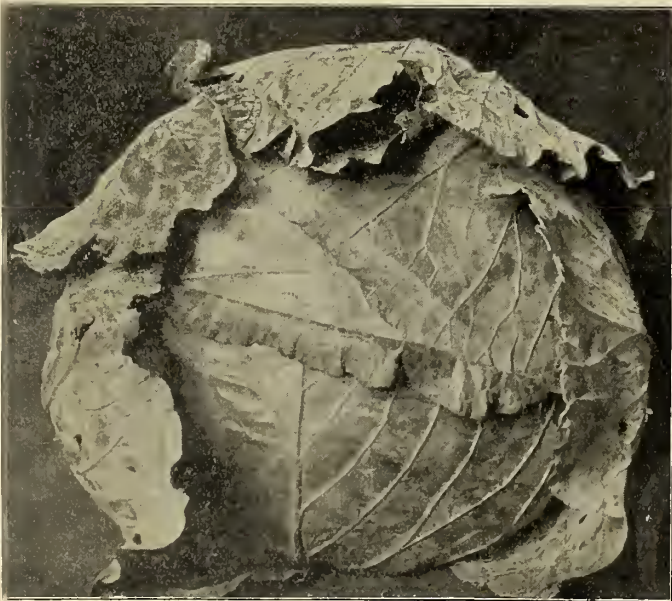
This variety, the result of many years' careful selection, is certainly the perfection in the Savoy. It is unquestionably the best and most profitable strain to grow, being far superior to the ordinary imported Drumhead Savoy, as generally sold, the seed of which can be supplied at less than half the price. The heads are large, very uniform, solid and hard, of a deep green color. It is very curly and sure to head, keeps well, and retains its color. It is the best selling market variety of all the Savoy. Oz. 25c., $\frac{1}{4}$ lb. 75c. lb. \$2.50.

Noll's Matchless Late Flat Dutch. In this superior strain of late cabbage we believe we have combined every good quality essential to perfection. A highly improved strain, pronounced by experienced cabbage growers and market gardeners, who now grow it in preference to all others for a main crop, **the finest strain of late Flat Dutch Cabbage in the world.** It grows very large and never fails to make a perfect, solid head, and is most uniform in shape, size and color. Oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.50.

MAMMOTH RED ROCK CABBAGE

By far the best, largest and hardest heading red cabbage ever introduced. The plant is large, with numerous spreading leaves, and the head large, round, very solid, and of deep red color inside as well as outside. Oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

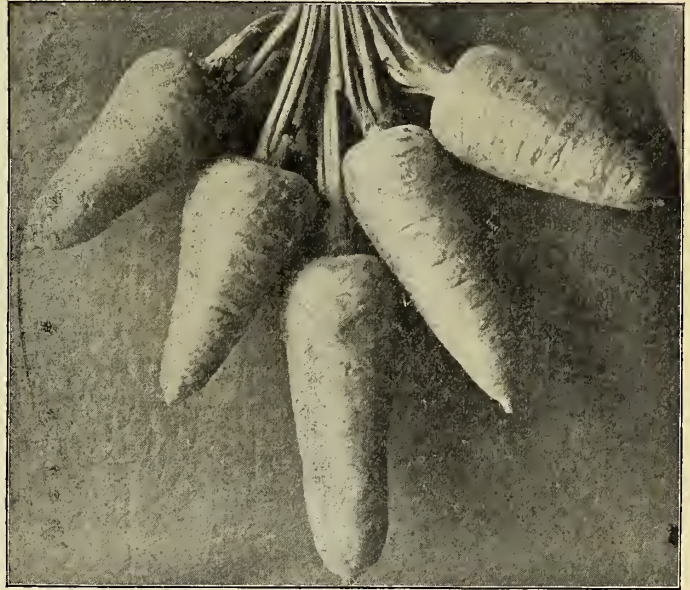
Market Gardener's No. 2 Cabbage. For a second early variety that will stand the summer heat there is certainly no superior, being more than twice the size of Large Wakefield. It is ready for market only ten days later. It will do equally as well for a fall crop and sure to form large solid heads that will keep perfectly all winter. Half oz. 15c., oz. 30., $\frac{1}{4}$ lb. 85c., lb. \$3.00.



MARKET GARDENER'S NO. 2 CABBAGE.

CARROT

One ounce to 100 feet of drill, three lbs. to an acre.



RUBICON HALF-LONG CARROT.

The most popular Market Garden Carrot

Rubicon Half-Long. This is an entirely new and distinct American strain finely shaped and of a beautiful deep orange color. It grows without neck, and is hollow-crowned; neither does it sunburn or crack. Being earlier than the Danvers, the leaves are one-third shorter, fewer, and finer than that well-known sort. It is excellent for growing under glass, or outside at any season of the year. Oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 75c.

French Market Carrot. The highest colored and most bountiful yielder of all carrots. The color of this valuable new sort is a rich shade of orange-red, and in shape and size midway between the Early Scarlet Horn and Long Orange. Top small, considering the size of the roots, which are smooth, straight, and free from roughness; is early; without core; very tender and sweet. Admirably adapted to either glass or open-ground culture; excellent for early or late. Oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

Nichols' Improved Long Orange Carrot. The best long carrot for growing outside, on account of its great productiveness and adaptability to all kinds of soil. Oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Improved Danvers Half-Long. Our pure American stock of this valuable variety is preferred by many gardeners to any other sort. The top is small, color of a rich shade of orange, shape *very handsome and smooth*; quality the very best. It is valuable to grow for feeding stock, being well adapted to all soils. Oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 70c.

Very Early Short-Horn Scarlet or French Forcing. Small root. Oz. 10., $\frac{1}{4}$ lb. 30c., lb. 90c.

Early Scarlet Horn. Favorite summer variety, orange color. Oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Half-Long Nantes. (*Stump-rooted*.) A fine intermediate variety. Oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Chantenay. Resembles Half-long Nantes, but has larger shoulders. Oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 70c.

Early Half-Long Scarlet. Rich color, very fine for table use or forcing. Oz. 10c., $\frac{1}{4}$ lb. 25c. lb. 75.

CAULIFLOWER

One ounce produces about 1500 plants.

Noll's Superior Dwarf Extra Early

The Earliest and Surest Header
of all the Cauliflowers

In presenting this early variety to our customers, we can confidently state this to be the earliest Cauliflower in cultivation to-day, either for forcing under glass or out door planting, not only is it remarkable for its extra earliness and certainty to produce large, handsome, pure white, heavy heads of the finest quality, but its very dwarf compact habit and short leaves enable it to be planted very close. Pkt. 40c., $\frac{1}{4}$ oz. \$1.50, oz. \$5.00, $\frac{1}{4}$ lb. \$18.00.

Extra-Early Dwarf Erfurt. The very best and earliest for forcing under glass; very dwarf and compact, with short stem and small leaves. It should not be confounded with entirely different sorts advertised under the same name. Pkt. 25c., oz. \$4.00, $\frac{1}{4}$ lb. \$15.00.

Early Snowball. Our strain of this popular variety is unequalled. It is one of the best for forcing under glass or for the open ground; a sure header. Pkt. 25c., oz. \$2.75, $\frac{1}{4}$ lb. \$10.00.

Veitch's Autumn Giant. Large, fine heads, well proportioned. Pkt. 10c., oz. 60c., $\frac{1}{4}$ lb. \$1.75; lb. \$6.00.

Large Algiers. Market gardener's popular late sort enormous size. Pkt. 10c., oz. 60c., $\frac{1}{4}$ lb. \$2.00, lb. \$7.50.



CAULIFLOWER.

CELERY—One ounce will produce about 2,000 plants.

French Golden Dwarf Self-Blanching. Best and purest seed offered; a valuable acquisition of French origin. It is of dwarf habit and very stocky, stalks very uniform in height, growing very compactly. Color of majority of stalks a rich golden yellow. In quality it is unexcelled, being solid, tender, crisp and rich in flavor. Oz. 50c., $\frac{1}{4}$ lb. \$1.50, lb. \$5.00.

Fin de Siecle. We consider this the largest, hardiest, solidest, crispest, best keeping and best shipping winter Celery we know of. Oz. 35c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

Improved White Plume. Naturally white or light foliage; requires but little banking up to blanch; very early and extensively grown for market. Oz. 30c., $\frac{1}{4}$ lb. 85c., lb. \$3.00.

Golden Self-Blanching. A grand variety, on the style of White Plume, except that it is golden yellow where the Plume is white. Oz. 40c., $\frac{1}{4}$ lb. \$1.25, lb. \$4.00.

Perfection Heartwell. One of the finest and largest of winter varieties, either for family or market-garden. The heart is golden yellow and of superior quality. Oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

Shumacher. Immense size; solid and crisp; firm golden yellow heart; a fine keeper; highly recommended. Oz. 30c., $\frac{1}{4}$ lb. 85c., lb. \$3.00.

Giant Pascal. An easily bleached and fine keeping large late sort of good flavor. Oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

Crawford Half Dwarf, or Golden Heart. Of vigorous growth and excellent flavor. Oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

Sandingham Dwarf White. Small, white, solid. Oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

Pink Plume. The same as White Plume, except that the stalks are tinged with pink. It is of very attractive appearance, and possesses the rich flavor and long-keeping qualities for which the red Celeries are noted. Oz. 35c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

Celeriac—Turnip-Rooted Celery

Large Smooth Prague. The largest, smoothest and best. Oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.75.

Apple-Shaped. A new kind, with small foliage, the roots very smooth. Oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.40.

Corn Salad or Veticost

One ounce will sow about eighteen square feet and six pounds will sow one acre.

Broad-Leaved (Large-Seeded). A delicious salad, used during the winter and spring months as a substitute for lettuce, and is also cooked and used like spinach. Sow in spring in drills one foot apart. It will mature in six weeks. For early spring use sow in September and winter over like spinach. Oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.



FRENCH GOLDEN DWARF SELF-BLANCHING CELERY.

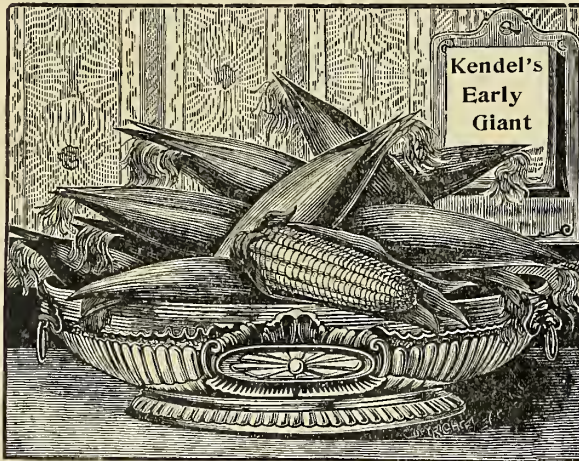
Cress

Extra Curled (Pepper Grass). Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 50c.

True Water. Pkt. 10c., oz. 35c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.25.

SWEET OR SUGAR CORN—Our Sugar Corn is grown by the most reliable grower in the Connecticut Valley and can be relied on.

One quart will plant 100 hills eight qts. to the acre.



Kendel's Early Giant Sweet Corn possesses great merit, and, therefore, give it a prominent place in this catalogue. It is very early, being fit for use in sixty days from planting. The ears are large, 8 to 10 inches in length, the majority having twelve rows to a cob. Kernels pure white, very sweet and tender. It is also a most productive variety, and will prove a valuable acquisition to every home or market gardener who plants it. Pt. 15c., qt. 20c., pk. \$1.00, bush. \$3.50.

White Cory. Resembles the ordinary Cory, but with white cobs. Per ear 5c., qt. 20c., ½ pk. 60c., pk. \$1.00, bush. \$3.50.

Minnesota. Nearly as early as Marblehead; of dwarf growth. Per ear 5c., qt. 20c., ½ pk. 60c., pk. \$1.00, bush. \$3.00.

Perry Hybrid. Very early and of large size; most valuable for market. Per ear, 5c., qt. 20c., ½ pk. 60c., pk. \$1.00, bush. \$3.50.

Melrose. As early as the Perry Hybrid, and much larger; valuable. Per ear, 5c., qt. 20c., ½ pk. 60c., pk. \$1.00, bush. \$3.00.

Shaker Early. Very large, white grain, and quite early. Per ear, 5c., qt. 20c., ½ pk. 60c., pk. \$1.00, bush. \$3.00.

Crosby. Matures after Minnesota; fair-sized ears of good quality. Per ear, 5c., qt. 20c., ½ pk. 60c., pk. \$1.00, bush. \$3.00.

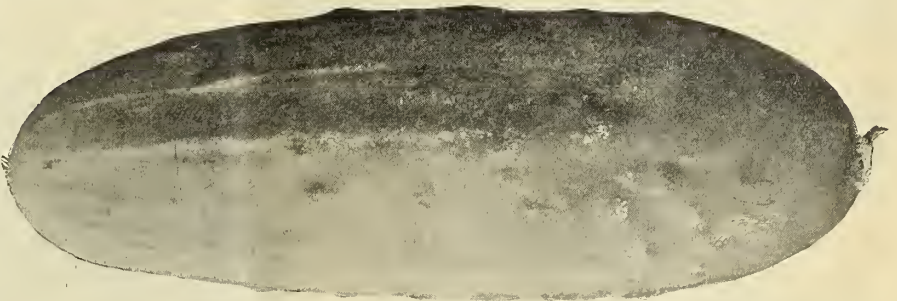
Pee and Kay. Ears large and thick; a desirable variety. Per ear, 5c., qt. 20c., ½ pk. 60c., pk. \$1.00, bush. \$3.00.

	Per ear	per qt.	per ½ pk.	per pk.	per bus.
Stabler Pedigree. A good main crop sort	05	20	60	1 00	3 00
Potter Excelsior. Good size, and a week earlier than Large Excelsior	05	20	60	1 00	3 00
Moore Concord. Of strong growth; ears large and well-filled	05	20	60	1 00	3 00
Large Excelsior. Has large ears, and is moderately early	05	20	60	1 00	3 00
Triumph. Large ears, very white; productive	05	20	60	1 00	3 00
Hickox Improved. Handsome ears, very white and of rich flavor	05	20	60	1 00	3 00
Roslyn Hybrid. Large-growing variety of very fine quality	05	20	60	1 00	3 00
Stowell Evergreen. Remaining green a long time, and is highly prized; one of the most popular varieties	05	20	60	1 00	3 00
Early Mammoth. Very large and not very late	05	20	60	1 00	3 00
Black Mexican. Very sweet, and of superior flavor; grains black	05	20	60	1 00	3 00
Ne Plus Ultra or Shoe Peg. Small, but one of the sweetest sorts grown	05	20	60	1 00	3 00
Late Mammoth. Rank in growth; large ears, rich and sweet	05	20	60	1 00	3 00
Egyptian. Large and of superior quality; largely used for canning	05	20	60	1 00	3 00
Country Gentleman. Same as Ne Plus Ultra, but with large ears; of delicious quality	05	20	60	1 00	3 00
Sweet Fodder Corn. For soiling and ensilage					1 75
Field Corn. Standard varieties					1 50

CUCUMBER—One ounce will plant about 50 hills, two lbs. to the acre.

Improved Arlington White Spine.

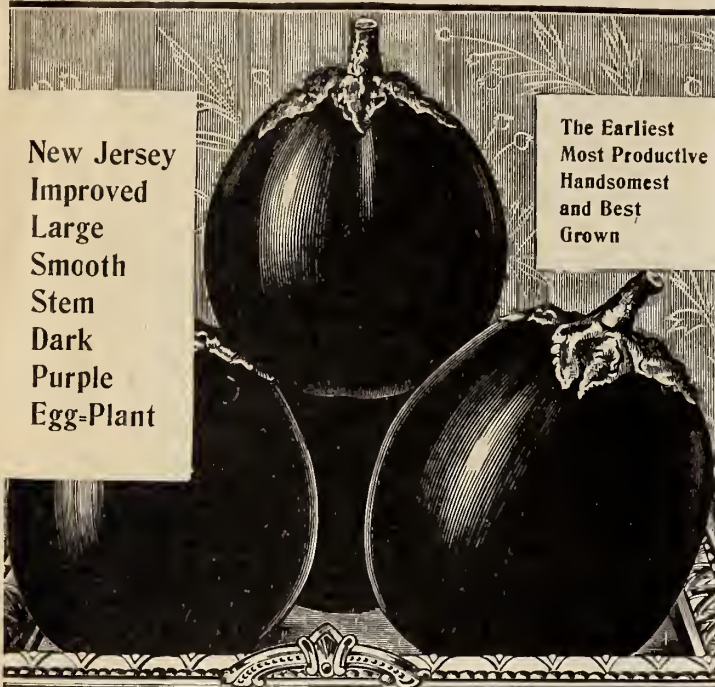
As a market variety there is no strain equal to this. Throughout the South, where cucumbers are extensively grown for northern markets, it has now taken the place of the old White Spine entirely, being a decided improvement on that variety. It is the earliest and finest formed, and best for home market or shipping, remaining green on the vine, and after picking, longer than any other kind. The color is of a deep, glossy, sea-green, with light spines running from blossom end. Where size, color, form and evenness in a cucumber is looked for, we have never seen a strain so complete in all these requirements as will be found in this variety.



IMPROVED ARLINGTON WHITE SPINE CUCUMBER	Per oz.	per ¼ lb.	per lb.
Jersey Extra Early Prolific. Ten days earlier than Jersey pickle	\$0 10	\$0 25	\$0 75
Peerless or Improved White Spine. A fine strain; very early	10	25	70
Evergreen White Spine. Very early and prolific; straight; full at both ends; retains its fine, deep green color in all stages of growth	10	25	70
Perfected Jersey Pickle.	20	50	1 50
Early Frame, or Short Green. For slicing or pickling; productive	10	20	50
Nichols' Medium Green. Thick through; full ends; for slicing or pickling	10	20	50
Green Prolific, or Boston Pickling. Dark green; uniform small size	10	20	50
Thorburn Commercial Pickle. White Spine type; dark green	10	20	65
Improved Long Green. (Jersey Pickle.) Dark green, crisp and productive	10	20	60
Giant of Pera. Grow 1 to 1½ feet long; the best for table use	10	25	75
New Japanese Climbing. Extra strong vine; very prolific	10	30	90
Small Gherkin. Very small, but used for pickles	10	30	1 00

EGG PLANT

One ounce will produce about 1000 plants.



New Jersey
Improved
Large
Smooth
Stem
Dark
Purple
Egg-Plant

The Earliest
Most Productive
Handsomest
and Best
Grown

New Jersey Improved Large Smooth Stem Dark Purple Egg-Plant. Market gardeners and shippers will find this variety the best in cultivation. The habit of the plant is low and branching, and is quite free from spines. Leaves of a light green shade. Fruit early, very large, oval, and of a fine deep purple. Flesh very white, tender, and of a superior quality. Half oz. 15c., oz. 30c., $\frac{1}{4}$ lb. 90c., lb. \$3.50.

New York Improved Large Purple Spineless. A leading market variety, grown extensively in sections where the New Jersey Improved has not been introduced; large, round, dark fruits; excellent and productive. Half oz. 15c., oz. 30c., $\frac{1}{4}$ lb. 75c., lb. \$2.75.

HORSE RADISH

Horse Radish is grown from young roots or sets which should be planted out in the spring. They will form a large-sized radish, fit for use in one season's growth. Roots, per doz., 20c.; per 100, 75c., post-paid (50c. per 100; \$3.00 per 1,000, by express). Write for special prices in large lots.

KALE—Borecole

One ounce will produce about 2,000 plants.

Extra Dwarf Green Curled Scotch. This is one of the best kales for spring sowing in the North, and is the principal sort grown in the South for Northern markets. It is hardy and will remain over winter in any place where the temperature does not go below zero. The habit is very dwarf and spreadings and will rarely exceed eighteen inches in height. The leaves, are of a bright green color, beautifully curled, and produced in great abundance. Oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Siberian Kale, German Greens, or "Sprouts." Extensively grown as winter greens; sow in September in rows one foot apart, and treat in every way as spinach; it is very hardy and is ready for use in early spring. Oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

DANDELION

Thick-Leaved or Cabbaging. This variety is double the size of the common. Pkt. 10c., oz. 40c., lb. \$4.00.

LEEK—One ounce to 100 feet.

New Giant Italian Leek. This is by far the best variety. It grows long and thick, and is unusually fine grained, tender and hardy. The foliage is of a dark glossy green, keeps well, and will yield double the quantity per acre of any other sort. Oz. 15c., $\frac{1}{4}$ lb. 45c., lb. \$1.50.

Improved American Flag. Selected stock. Oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

Large Rouen. Oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$1.75.

KOHL=RABI—One ounce will sow 150 feet of drill.

New Smooth White Short-Leaved. Owing to the increasing demand for this popular European vegetable, many gardeners have added it to their crops. After several years' comparative tests we find this new sort decidedly the best for market and table use, being much superior to Vienna. It is very early and the best for forcing as well as for outside growth. Bulb is greenish white, beautiful smooth shape and of the very finest texture and quality. Oz. 35c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

Early White Vienna. Small bulb, early. Flesh tender and white. Oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.60.

Early Purple Vienna. A little later than the white; color bluish-purple. Oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.60.

ENDIVE—One ounce will produce about 2,000 plants

Mammoth Green Curled Endive. This beautiful and valuable variety is much superior to the old Green Curled, and grows fifteen to twenty inches in diameter, as shown in photograph. The leaves are very crisp, tufty and full in every stage of growth. The mid-rib is pure white, very heavy, thick, fleshy and tender. It is equally suitable for spring, summer or autumn planting, being extremely hardy. Oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

Broad-Leaved Batavian. (Escarolle.) Has broad, thick, slightly wrinkled leaves forming a large head which is preferred for stews and soups, but if the leaves are gathered and tied at the top the whole plant will blanch nicely and make an excellent salad. Oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.



NEW GIANT
ITALIAN LEEK



MAMMOTH GREEN CURLED ENDIVE.

LETTUCE

One ounce will produce about 3,000 plants.

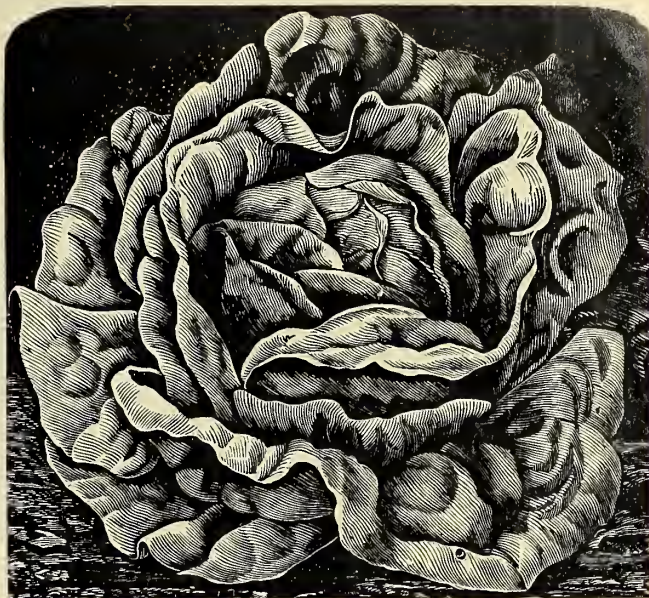
The Twentieth Century—(New)

The largest of all head lettuces, being wonderfully heat-resisting and handsome in appearance. The outside color is light green, but becomes more and more yellow toward the heart. It is very crisp and tender. Oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

Improved Mammoth Salamander

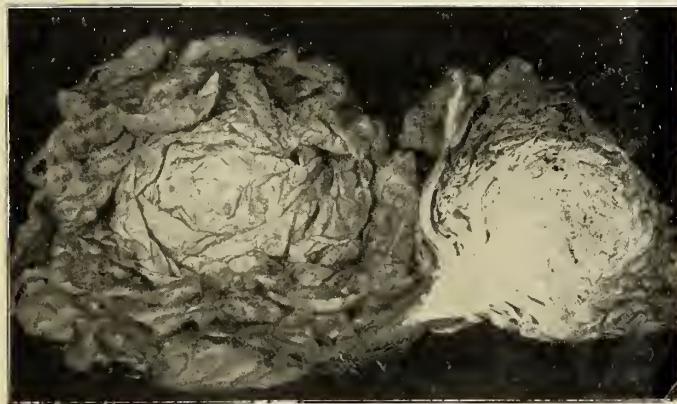
For many years the Salamander Lettuce, owing to its wonderful quality of withstanding heat and drought, has been one of the most popular sorts, especially with market gardeners. In the New Mammoth Salamander we have a variety which possesses all the desirable qualities of the old Salamander, but grows to double the size. It is now offered for the first time, and is the result of many years' careful selection and breeding by a prominent market gardener, whose main crop is lettuce, and who always realizes more for his crops of this variety than any other grown in this market. It is also one of the best early and summer lettuces for the home garden, and will delight all who grow it. Oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

Golden Gate. (New.) King of summer lettuces. Oz. 35c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.



THE TWENTIETH CENTURY LETTUCE.

	Per Oz.	$\frac{1}{4}$ Lb.	Lb.
Noll's Boston Glass House. For forcing under glass; very fine	\$ 20	\$ 60	\$2 00
Big Boston. For forcing in coldframes or for open ground	20	50	1 50
Large Boston. Very large solid heads; fine for forcing	20	50	1 50
Black-Seeded Simpson. A superior variety; large and of light color	15	30	1 00
Reichner. Large, white, solid heads; good for forcing or outside	15	40	1 50
New Sensation. A fine, solid, head variety; for forcing or open ground	15	40	1 50
Tennisball White Seed. A well-known forcing variety	15	30	1 00
Stone Tennisball Black Seed. Forms close, hard heads; for forcing	15	30	1 00
White Summer Cabbage. Close heads, of good size; fine for summer	15	30	1 00
New York Cabbage. Large, solid heads; dark green color	20	50	1 50
Mammoth Butter, Black Seed. A selected strain, with large, solid yellow heads	20	60	2 00
Grand Rapids Forcing. Large, tender; one of the best for early forcing	15	30	1 00
Deacon. A large, solid Cabbage Lettuce for summer	15	30	1 00
Shotwell Brown Head. Large, handsome, tender heads; very hardy	25	75	2 50
White Cos Romaine. Fine, if sown very early; requires tying up to blanch	15	40	1 25
Trianon Self-Closing Cos. The finest of all the Cos sorts, resisting warm weather	20	50	1 50
Philadelphia Dutch Speckled Butter. Fine, large heads of excellent quality	15	40	1 50
Improved Simpson, or Perpetual. Early, tender; one of the best for cutting	15	40	1 50
Baltimore Oak-Leaved. Very distinct; for summer; resists great heat	25	70	2 25
White Russian Summer. Very large, handsome heads; fine for open ground	25	70	2 25
Champion Spring and Summer. Valuable and distinct; large, solid, rich, golden yellow heads; the slowest to shoot to seed	20	60	2 00
California Cream Butter, or Royal Summer Cabbage. Fine, solid heads	15	40	1 50
Salamander. Fine, compact heads, which resist summer heat admirably	15	40	1 50



NEW TREASURE LETTUCE.

New Treasure Lettuce

A medium early, and one of the best summer varieties; forming large, fine, solid heads, with leaves of a beautiful creamy yellow color, most refreshing in appearance, and particularly rich and buttery to the taste, well adapted to withstand the hot summer sun, being a most shy seeder. Oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

MELON—Musk or Cantaloupe—

One ounce for 75 hills
two and one-half lbs. to the acre.



ROCKY FORD MELON

Rocky Ford. The advent of this valuable variety has done more to popularize muskmelons than any other sort. The ground color of the skin is, when ripe, of a rich greenish gold, the netting is very prominent and is light in color, which makes the outer appearance very attractive. It is very sweet and luscious in flavor, and is entirely void of any stringy character. Oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

Long Island Beauty. On style of Hackensack. The earliest and finest in quality, and the most beautiful muskmelon. Oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 80c.

Champion Market. Of large size, slightly elongated, densely netted; flesh light green and very sweet; early. Oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Netted Gem Round. Very early; small and of fine flavor; green flesh. Oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Netted Gem Oblong. Same as above save in shape. Oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Nutmeg. Named from its shape; green flesh, sweet; good for main crop; early. Oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Chicago Nutmeg. Of fine quality and larger in size than the foregoing. Oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Extra Early Hackensack. Ripens ten days earlier than the Hackensack; very early. Oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Orange Christina. One of the finest orange sorts; round, very sweet, and very early. Oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Paul Rose. Beautiful salmon colored flesh. Oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 80c.

Newport. Extra early, small, round; green flesh, of fine flavor. Oz. 15c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

Emerald Gem. Small, extra early; dark green skin, orange flesh; very sweet. Oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Green Montreal. Large, round, netted; flesh thick and light green; late. Oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Banana Citron. Cucumber-shaped, highly perfumed; of indifferent quality; late. Oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

MELON—Water

One ounce to 30 hills four pounds to the acre.

Kolb Gem. Large, bright red flesh of fine quality, and a good shipper; intermediate. Oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Jumbo. Flesh red and very sweet. Oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Duke-Jones. Early, very heavy yielder. Best for the home garden. Oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 65c.

Triumph. (New.) Very large and fine for shipping. Oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Dark Icing. Solid, with thin, dark green skin; of superior quality; white seed; early. Oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Mammoth Ironclad. Long, very large, late; red flesh; good shipper. Oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

White-Seeded Ice Cream. Very early; red flesh. Oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Dixie. Excellent quality; very large and solid; flesh red; intermediate. Oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Kentucky Wonder. Oblong; dark green skin, scarlet flesh. Oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Mountain Sweet. An old and reliable sort; flesh red; late. Oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Florida Favorite. A superior strain; improvement on Rattlesnake; intermediate. Oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Cole Early. Medium size; red flesh, green skin. Oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Sweet-Heart. Very large; bright skin; fine quality. Oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Citron. Round and handsome; for preserving; red seed. Oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

SEED POTATOES—

Grown expressly for seed,
ten bushels to the acre.

These are the prices ruling in January; later on they may be higher.

	Per $\frac{1}{2}$ pk.	Pk.	Bush.	Bbl.
Beauty of Hebron. Slightly flesh-colored skin, with pure white flesh	\$0 40	\$0 70	\$2 00	\$4 00
Early Sunrise. The true type of Early Rose; very early and productive	40	70	2 00	4 00
True Early Rose. Very early; fine quality; very productive	50	70	2 00	4 00
Early Ohio. Round tubers; very early; fine quality	50	75	2 25	4 50
Early Maine. Smooth; extra early; very productive	30	75	2 25	4 50
Carman No. 1. In every respect the finest second early Potato offered; enormous yielder, handsome and uniformly large; peculiarly white skin and flesh; perfect in quality and very dry	50	75	2 25	4 50
Carman No. 3. One of the best late Potatoes; the greatest yielder ever introduced; very large tubers; of handsome form and few and shallow eyes; fine quality. Best of all for field culture	40	70	2 00	4 00

ONION

One ounce for 100 feet of row six pounds to the acre.



BEWARE OF CHEAP IMPORTED SEED

The crops of Onion seed have been shorter than for many years.

Our stock is all grown from choice bulbs, selected carefully by hand, and is unsurpassed in this country.

Southport Large Yellow Globe. This fine American variety is entirely distinct from Danvers. It is a very handsome, round variety, of large size, white flesh, fine grained, mild, very firm, and the best of keepers. Oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

Southport Large Red Globe. Very similar to the Southport Yellow Globe in shape and size, but ripens somewhat later, maturing a few days later than the Red Wethersfield. It is a splendid keeper, and of fine quality. Oz. 30c., $\frac{1}{4}$ lb. 85c., lb. \$3.00.

Southport White Globe. A large, globe-shaped variety, with white skin, fine flesh, handsome shape and a good keeper. Oz. 30c., $\frac{1}{4}$ lb. 85c., lb. \$3.00.

White Pearl, American Grown. Extra early; round; pure white; fine flavor. Oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

White Large Portugal. The standard large flat sort. Oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.25.

Mammoth Garganus, or Silver King. Silvery white Italian. Oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

	Per Oz.	$\frac{1}{4}$ Lb.	Lb.
Round Hard Silver Skin. One of the best white pickling sort.	\$ 20	\$ 60	\$2 00
Yellow Danvers. A standard sort; early and a good keeper	15	50	1 50
Yellow Globe Danvers. Of more globular shape; keeps well	15	50	1 60
Yellow Strasburg, or Dutch. Fine keeper; flat; yellow skin, white flesh	15	50	1 50
Yellow Globe Spanish, or Prizetaker. Immense size; globe-shaped; light yellow	25	75	2 50
Rhode Island Yellow Cracker. The earliest yellow onion; flat shape	20	50	1 75
Red Large Wethersfield. Half-early and a good keeper; large size	15	50	1 50
Red Extra Early Globe. Earlier, but not so large as the Southport strain	20	60	2 00
Red Extra Early Flat. Medium size; very early; deep red; mild flavor	15	50	1 50
Red Giant Rocca. Productive and mild; of very large size	15	50	1 50
Imported Shallot Seed	Per pkt. 10c.		

ONION SETS, ETC.

Onion Sets and Tops should be planted near the surface, in drills about twelve inches apart and four inches in the rows. They must have high culture for the best results. They are valuable for early use, and where Onions from seed cannot be raised the first year, they are essential.

These are the prices ruling in January; later on they may be higher, owing to shrinkage and rotting.

	Per Qt.	$\frac{1}{2}$ Pk.	Pk.	Bus.
Yellow Onion Sets	\$0 20	\$0 80	\$1 00	\$3 00
White Onion Sets	25	75	1 25	4 00
Red Onion Sets	20	60	1 00	3 50
Red Top Onions	20	60	1 00	3 00
White Potato Onions	30	90	1 50	5 00
Garlic Sets	Per lb., 30c.			

PARSLEY

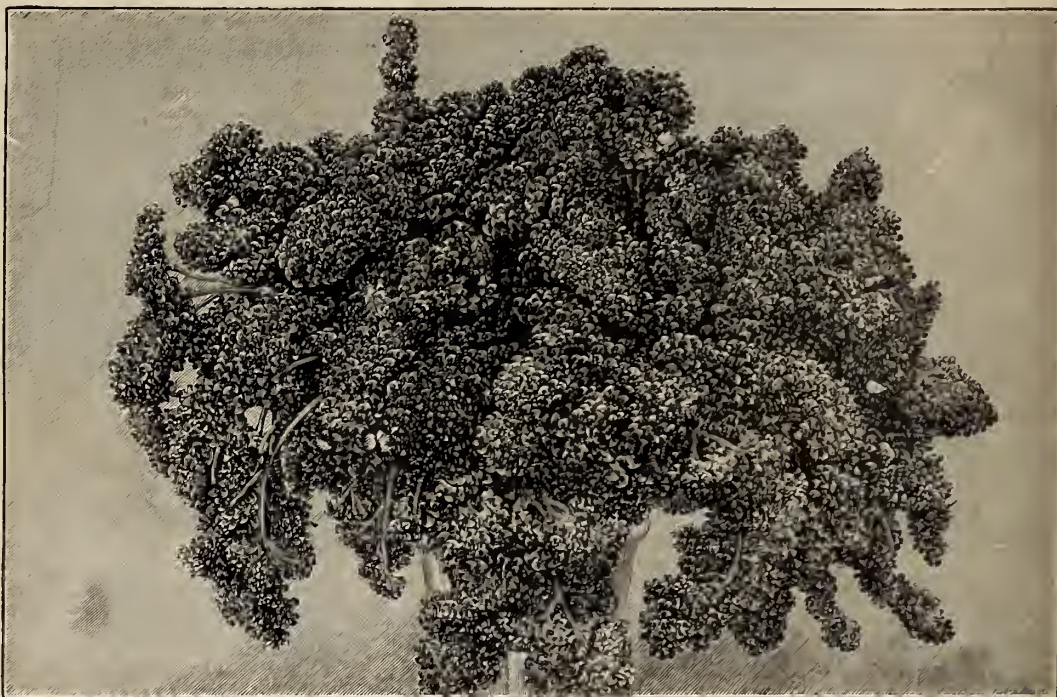
One Ounce Sows About 100 Feet of Drill

Seed germinates very slowly, plants sometimes not appearing for three or four weeks; soak seed a few hours in lukewarm water before sowing.

Market Gardener's Best. The best points yet obtained in parsley have certainly been reached in this sort. The plant is of a very robust and free growth and is greatly improved by severe cutting. The leaves are large and beautifully curled and of a very dark green hue, and very fine for either open ground or frame culture. *It stands heat, draught and cold better than any other curled sort, will yield double that of any other, and will be found invaluable for selling in bunches or bunched with "pot-herbs."* Oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 75c.

Champion Moss Curled. Beautifully crimped and curled. It can be cut the year round, rarely runs to seed. Oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Extra Double Curled. An old curled variety for garnishing. Oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.



MARKET GARDENER'S BEST PARSLEY.

PARSNIPS

One ounce to 150 feet of drill. Five pounds to the acre.

Ideal True Hollow-Crown Parsnip. In this valuable new sort we have a greatly improved strain. The roots do not grow as long as the old Hollow-Crown variety, are of larger diameter at the shoulder, and taper off rapidly, making them more easily gathered. It is a very heavy cropper. The roots are very smooth and white, the flesh fine grained and of most excellent quality. Oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Large Sugar, or Long Smooth Hollow Crown. The popular old sort. Oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 50c.

MUSHROOM SPAWN

Best English Milltrack. Brick, $1\frac{1}{4}$ lbs. 15c.; 100 lbs. and over, 9c. per lb.

MUSTARD

White or Yellow. For salads and flavoring purposes. Oz. 5c., lb. 30c.

NASTURTIUM

Tall. The best for pickling. Oz. 10c., $\frac{1}{4}$ lb. 25c., lb. \$1.00.

Dwarf. Oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

OKRA

One ounce will plant 100 hills.

Perkins' Mammoth Long-Podded. (New.) The best for market. Oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

Improved Dwarf Green Prolific, or Density. Oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 45c.

PEPPER

One ounce will produce about 1,000 plants.

Large Bell, or Bull Nose. An early variety of mild flavor, a favorite for pickling and for use in the natural state. Oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

Golden Dawn. Of same shape and size as the Large Bell, but of more delicate flavor; color, yellow. Oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

Sweet Mountain, or Mammoth. Similar to the Bull Nose, but larger and milder in flavor. Used to make stuffed "Mango" pickles. Oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

Pepper Ruby King. An exceedingly large and handsome Pepper of mild flavor; the fruits are of a bright ruby red, from $4\frac{1}{2}$ to 6 inches long by 9 to 12 inches in circumference. It can be sliced for salad or eaten with salt and vinegar like tomatoes and cucumbers. Oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.75.

Long Red Cayenne. The variety of commerce. Pods small, cone-shaped; scarlet red when ripe. Quite a late variety; the pods are as frequently used for pickling green as when ripe. Oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

... PEAS ...

One quart to 100 feet of row.

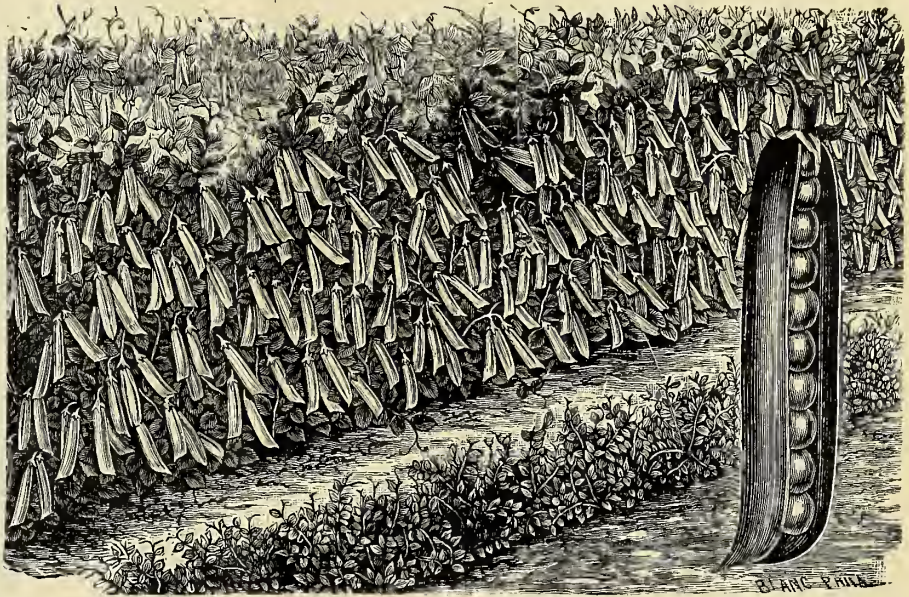
Noll's Selected Extra Early Pea

For extra earliness, productiveness, and a pea to withstand greater change of weather, we do not know of any variety that is superior, earlier, or would give market gardeners more profit and greater sales than this variety. Pods are well filled and of a deep green color, which makes it desirable for shipping long distances. Not only are they the LARGEST PODDED EXTRA EARLY, but entirely free from runners, and the entire crop can be taken off in two pickings. Qt. 25c., pk. \$1.00, bush. \$4.00.

Nott's Excelsior Pea

The Most Popular and Earliest Wrinkled Variety Grown for Market.

The most valuable of all dwarf early wrinkled varieties, surpassing in earliness, yield and quality. It grows about fourteen inches high, or about half as tall again as the American Wonder; usually ready for market in 40 to 45 days, about ten days later than our selected Extra Early. It is of a vigorous constitution and wonderfully productive. Qt. 25c., pk. \$1.50, bush. \$5.00



NOLL'S SELECTED EXTRA EARLY PEA.

	Pt.	Qt.	Pk.	Bush.
First-of-All. Early; resembling Rural New-Yorker	\$0 10	\$0 20	\$1 00	\$3 50
Philadelphia. Resembling First and best	10	20	1 00	3 50
Daniel O'Rourke Improved. Extra early; favorite market-gardener sort	15	25	1 25	4 00
Alaska. One of the very earliest blue Peas; quite productive	15	25	1 00	3 50
American Wonder. Extra early and productive; fine quality	15	25	1 25	4 50
McLean Little Gem. Extra early; straight pods	15	25	1 25	4 00
Blue Beauty. Pods medium size; Peas of fine flavor	20	35	1 50	5 00
McLean Advancer. A fine, standard sort, of excellent quality	10	20	1 00	3 50
Horsford Market Garden. On the style of Advancer; very prolific	15	25	1 00	3 50
Pride of the Market. Very large pods, green peas; sow thinly	15	25	1 50	5 00
Champion of England. A well-known, standard variety; sow thickly	10	20	1 00	3 50
Juno. Large straight pods; fine quality; productive	15	25	1 25	4 00
Telegraph. (L. I. Mammoth.) Very large pods and Peas; of excellent flavor	15	25	1 25	4 50
Telephone. Enormous pods and Peas of first quality	15	25	1 25	4 50
Black Eye Marrowfat. Very hardy and prolific	10	15	75	2 25
Melting Sugar. One of the best edible pod sorts	15	30	1 50	5 00

PUMPKIN

One ounce to 50 hills three pounds to an acre.

Cashaw. Long yellow crook neck, the best for table use or feeding stock; fresh yellow, solid, fine grained and sweet. Oz. 10c., lb. 50c.

Large Cheese. One of the best for table use; skin orange, flesh yellow and sweet. Oz. 10c., lb. 50c.

Connecticut or Large Common Yellow Field. Grown principally for feeding stock. Oz. 5c., qt. 20c., bush. \$4.00.

True Tennessee Sweet Potato. A splendid pie and cooking Pumpkin. Oz. 10c., 1/4 lb. 20c., lb. 60c.

King of the Mammoths. The great prize Pumpkin. Attains a weight of 100 to 200 pounds. Oz. 15c., 1/4 lb. 40c., lb. \$1.25.

Mammoth Bright Red Etampes. Oz. 10c., 1/4 lb. 30c., lb. \$1.00.



NOTT'S EXCELSIOR PEA.

RADISH—

One ounce will sow 100 feet of drill.
Nine pounds will sow one acre in drills.

Oz. ¼ Lb. Lb.

Scarlet, or Cardinal Globe. For forcing in greenhouses, hot-beds, or cold-frames, and for sowing on open borders early in the spring, there is no other red variety that will pay better, on account of its very attractive color and shape, it sells better than most other varieties. It is one of the earliest; in flavor it is mild, crisp, juicy and tender. It forms a small top and will stand a great amount of heat without becoming pithy.10 .25 .75

Scarlet Turnip White-Tipped. Very popular and extensively grown for New York market. Bright scarlet, fading off to a pure white at the base; tender, mild in flavor and very early. 10 lbs. and over 35c.10 .15 .40

Olive-Shaped Golden-Yellow. This is the earliest and best yellow radish, equally well adapted as an early forcing or summer radish; it is of very rapid growth and fine quality, flesh white, tender and crisp, very small top. 5 lbs. and over 50c. per lb.10 .20 .60

Olive-Shaped, French Breakfast. Pink and white; early10 .20 .50

Olive-Shaped Deep Scarlet10 .25 .75

Long Scarlet Short-Top. Very long and crisp; for frames or open ground10 .20 .50

Long Brightest Scarlet White-Tipped10 .25 .75

Long Scarlet Chartier White-Tipped.10 .20 .50

Long Wood Early Frame. Long, red, crisp and good for forcing.10 .20 .50

White Strasburg Summer. Very large; the German favorite10 .20 .50

White Scarlet Chinese. Very handsome and distinct, and keeps well10 .25 .75

Winter Long Black Spanish. The popular winter sort10 .20 .50

Winter Improved Half-Long Black Spanish. Very fine strain10 .25 .75

Winter Round Black Spanish. Fine for winter10 .20 .50

Winter Large White Spanish. Fine for winter10 .20 .50

Long White Vienna, or Lady Finger. Crisp and tender in summer10 .20 .50

SALSIFY—(OYSTER PLANT)

One ounce will sow about 60 feet of drill.

Mammoth Sandwich Island Salsify (Improved). Market gardeners will find this the largest, smoothest and most profitable in cultivation. The top remains in good condition until late the following spring. Roots pure white in color and twice the size of the ordinary Salsify sold as Mammoth. Oz. 15c., ¼ lb. 30c., lb. \$1.00.

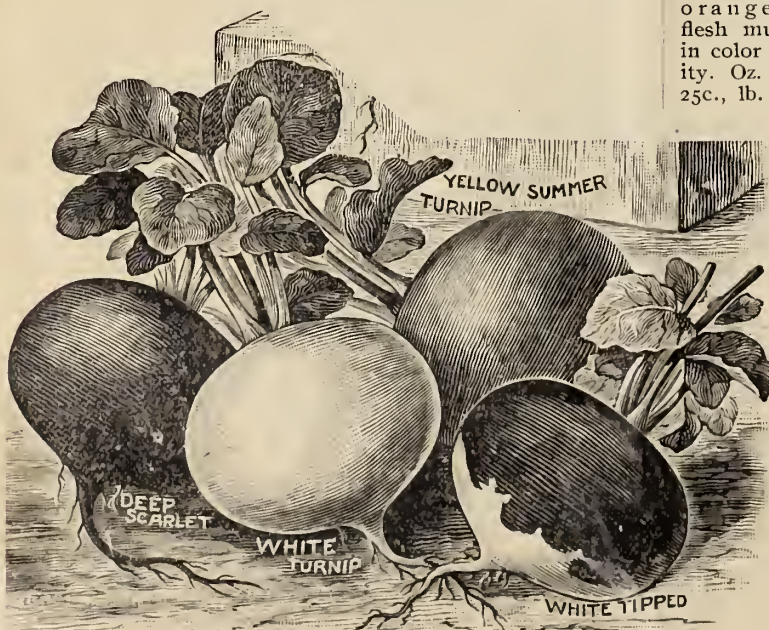


MAMMOTH SANDWICH ISLAND SALSIFY.

SQUASH

One Ounce will plant twenty to forty hills, according to size of seed. Four to six pounds will plant one acre.

New Red Hubbard. Very showy and attractive. Like the Old Hubbard except that the skin is bright orange red and flesh much richer in color and quality. Oz. 10c., ¼ lb. 25c., lb. 75c.



Per Oz. ¼ Lb. Lb.

Chicago Warty Hubbard. An improvement on the old-fashioned Hubbard. Large size, dark green, almost black; distinguished by a dense covering of knots, which justifies the name of "Warty." Very thick flesh, first-class quality and a good keeper.10 .25 .75

White Bush, Scallop. (Patty Pan)10 .15 .45

Early Golden, or Yellow Bush10 .20 .50

Golden Summer Crookneck. Small10 .20 .55

New Giant, or Mammoth Summer Crookneck. Early; two feet long10 .20 .65

Long Green Summer Crookneck. The best for frying10 .25 .75

Hubbard. The old favorite10 .20 .60

Boston Marrow. Bright orange10 .20 .50

SPINACH

One ounce will sow 75 feet of drill.

Twenty pounds will sow one acre.



PARISIAN LONG-STANDING SPINACH.

Parisian Long-Standing Spinach. A fine variety for spring sowing. This is a decided improvement over the ordinary long-standing spinach, leaves are very thick, dark green, broad, tender and somewhat curled. For wintering over, it has proven hardier than the American Savoy or Bloomsdale will yield double the quantity of any other sort. Oz. 10c., lb. 30c., 10 lbs. \$2.75.

New Victoria. Leaves very dark green, almost black, very thick and spread out flat upon the ground. It is a long-standing variety, but not very hardy. Oz. 10c., lb., 30c., 10 lbs. and over 25c. per lb.

Improved Thick-Leaved (Viroflay.) A newer sort with very large, thick leaves. Oz. 10c., $\frac{1}{4}$ lb. 15c., lb. 35c.

Thick-Leaved. One of the best market sorts. Produces large, thick, strong green leaf, somewhat crumpled, and possesses the valuable quality of standing a long time before running to seed. Oz. 10c., $\frac{1}{4}$ lb. 15c., lb. 40c.

American Round-Seeded Savoy, or Bloomsdale. Celebrated Philadelphia Stock. Popular for fall sowing. The leaves are large, thick, finely curled, heavy, are produced in great numbers, and stand handling better than most other sorts. Oz. 10c., lb. 25c.

RHUBARB

Linnaeus. Well-known market variety; early. Oz. 15c., $\frac{1}{4}$ lb. 20c., lb. \$1.50.

Victoria. Oz. 15c., $\frac{1}{4}$ lb. 45c., lb. \$1.50.

RHUBARB ROOTS

Set in spring and they will furnish leaf stalks the following season. We offer the largest and best.

Victoria. Clumps. Each 10c., doz. \$1.00, 100 \$6.00.

TURNIP

One ounce for 100 feet
two pounds to the acre.

Extra Early Purple Top Milan. The most desirable turnip for early planting. Tops are very small, distinctly strap-leaved, and growing very erect. The roots are small and flat, skin purple on top of the root and white below; flesh clear white; a very shy seeder, hence the genuine seed is always high. Oz. 10c., $\frac{1}{4}$ lb. 30c., lb. 90c.

Purple-Top Flat. (Strap-leaved.) Oz. 10c., $\frac{1}{4}$ lb. 15c., lb. 40c.

Early Red-Top White Globe. A very early, productive variety. Oz. 10c., $\frac{1}{4}$ lb., 15c., lb. 40c.

	Per Oz.	$\frac{1}{4}$ Lb.	Lb.
Early White Egg. Very handsome	\$0 10	\$0 20	\$0 50
Long Cow Horn, or White French	10	20	45
Golden Ball, or Orange Jelly	10	20	50
Yellow, or Amber Globe	10	15	40
Improved Sweet German White	10	20	60
Yellow Aberdeen. Globe-shaped	10	20	50
Long Island Ruta-Baga. Purple top	10	20	65
Purple-Top Yellow Ruta-Baga	10	15	40
Large White Ruta-Baga	10	20	50

TOMATOES

One ounce will produce about 1000 plants.

Noll's Early Market. Ten days earlier than any other variety. Pkt. 10c., oz. 50c.

	Per Oz.	$\frac{1}{4}$ Lb.	Lb.
Ponderosa. Largest variety in cultivation . \$ 40	\$1 25	\$4 50	
Dwarf Champion. Quite distinct, early; resembles the Acme in appearance	20	60	2 00
Imperial. Extra early, large, smooth, solid, light red; fine quality	25	75	2 50
Atlantic Prize. The earliest of all; smooth, bright red and solid.	25	75	2 50
Perfection. Early, regular and productive; red	20	60	2 00
Favorite. Large, smooth, productive, and a good shipper.	20	60	2 00
Beauty. Large, smooth, pinkish red; thick flesh; regular form.	20	60	2 00
Stone. Very large, perfectly smooth; fine bright scarlet.	20	60	2 00
Acme. Medium size, purplish pink color. .	20	60	2 00
Trophy Improved. Very solid; standard late sort; grown extensively for canning. . .	25	75	2 50
Lorillard. Bright, glossy, red, smooth, of fine flavor and very early	25	75	2 50
Yellow Plum. Round and regular; bright yellow; used for pickles	25	75	2 50
Paragon. Bright red; productive	20	60	2 00
Thorburn Long Keeper. Bright red, early, very productive; fine keeper	25	75	2 50

SEEDS OF POT AND SWEET HERBS

Those marked with a * are perennial, and, when once obtained in the garden, may be preserved for years.

Anise, pkt. 5c., oz. 10c. *Balm, pkt. 10c., oz. 25c. Basil, Sweet, pkt. 5c., oz. 15c. Borage, pkt. 5c., oz. 15c. Catnip, or Catmint, pkt. 10c., oz. 35c. Coriander, pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 50c. *Caraway, pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., Dill, pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c. *Lavender, pkt. 5c., oz. 20c. Marigold, Pot, pkt. 5c., oz. 15c. *Fennel, pkt. 5c., oz. 10c. Hyssop, pkt. 10c. *Horehound, pkt. 10c., oz. 25c. *Marjoram, Sweet, pkt. 5c., oz. 15c., lb. \$1.50. *Rosemary, pkt. 10c., oz. 25c. Rue, pkt. 5c., oz. 15c. Saf-ron, pkt. 10c. Sage, pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.75. Savory, Summer, pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00. Savory, Winter, pkt. 5c., oz. 20c. *Tansy, pkt. 10c., oz. 30c. Thyme, pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. 80c. *Wormwood, pkt. 5c., oz. 15c.

FARM SEEDS

- OATS.**—All the best and most profitable varieties. 75c. to \$1.25 per bushel. Sow 2½ to 3 bushels per acre. (Special price quoted on application.)
- WHEAT.**—Grown especially for seed. Best varieties such as **Fultz, Red Mediterranean, Fulcaster, Gold Coin, etc., etc.** About \$1.25 per bushel. (Special price quoted on application). Sow 1½ to 2 bushels per acre.
- RYE.**—Winter and spring. Best seed stock. Prices on application. Sow 1½ bushels per acre.
- BUCKWHEAT.**—Japanese, Silver Hull and Common. (Special price on application). Sow about one bushel per acre.
- BARLEY.**—For seeding purposes. \$1.25 per bushel. (Special price on application). Sow 2 to 2½ bushels per acre.
- CANADA FIELD PEAS.**—Very profitable as a hay and forage crop; also a very early nutritious dry or green feed. Sow in March or April at the rate of 1½ bushels per acre broadcast with one-half bushel oats as a support; cut for hay before the peas mature. Excellent pigeon feed when dry. Pk. 40c., bush. \$1.50.
- SOUTHERN BLACK-EYED COW PEAS.**—A small white variety with black eye. Sow in May or June for plowing under. Much used for green manuring purposes. Use 2 to 3 bushels to acre. Pk. 45c., bush. \$1.50. Special price will be quoted for larger quantities.
- MANGEL WURZELS.**—All the very best sorts. Sow about 5 lbs. per acre.
- CARROT.**—**Improved Long Orange.** This is the best and most satisfactory variety for stock feeding. 75c. per lb., 5 lb. lots and over at 60c. per lb. Sow 3 to 4 lbs. to the acre.
- “ **Danver's ½ Long.**—Highly recommended for stock feeding. 75c. per lb., 5 lb. lots and over at 65c. per lb.
- CORN.**—All the best sorts such as **Chester County Mammoth, Golden Beauty, Leaming Dent, etc., etc.** Plant 8 to 10 qts. per acre.
- PARSNIP.**—Used by many farmers for stock feeding. **Ideal Hollow Crown.** 60c. per lb., 5 lb. lots and over at 50c. per lb. Sow 4 to 5 lbs. per acre.
- PUMPKIN.**—Valuable food for stock. Sow 3 lbs. per acre. See page 13 for list of varieties and prices.
- RUTA-BAGA.**—See page 15 for best varieties and prices. Sow 2 lbs. per acre.
- MILLET SEED.**—**German Southern or Golden Millet.** Extra re-cleaned and true stock; about \$1.25 per bush. Special price quoted on application. Sow 1 bushel per acre.
- HUNGARIAN GRASS OR MILLET.**—Best quality; about \$1.35 per bush. Special price will be quoted on application. Sow 1 bushel per acre.
- TIMOTHY SEED.**—Extra prime re-cleaned; about \$1.75 per bush. Special prices will be quoted on application. Sow one-half bushel per acre.
- CLOVER.**—**Red.** Extra choice re-cleaned. The very best, entirely free from weeds. \$5.25 per bushel. Special prices will be quoted upon application. Sow one-third bushel (20 lbs.) per acre.
- “ **Crimson or Scarlet.** Excellent for cutting as feed or for plowing under; makes a good substitute for manure or other fertilizer; can be sown from June to October 15th; about 20 lbs. per acre. Extra choice seed \$6.00 per bush. Special price quoted on large quantities.
- “ **Alfalfa or Lucerne.** 15c. per lb.; \$6.00 per bush. of 60 lbs. Special prices with sample will be quoted on larger quantities. Sow 20 lbs. per acre.
- “ **Alsike.** Best quality, extra clean. 15c. per lb.; \$6.60 per bush. of 60 lbs. Sow 10 lbs. per acre.
- “ **White Dutch.** Extra choice quality, 25c. per lb.; 10 lbs. for \$2.00; \$10.80 per bush. 60 lbs. Sow 12 to 15 lbs. per acre. This is the clover largely used for *lawn*, although it is also valuable for permanent pasture use.

... MISCELLANEOUS SEEDS ...

- FLAX SEED.**—10c. per qt., \$2.25 per bush.
- OSAGE ORANGE SEED.**—40c. per lb., \$6.00 per bush.
- TOBACCO SEED.**—**Connecticut Seed Leaf.** One of the best varieties for cigar wrappers. Pkt. 10c., oz. 30c.
- Pennsylvania Seed Leaf.** The most noted selection grown in Lancaster County. Pkt. 10c., oz. 30c.
- Havana.** Pkt. 10c., oz. 50c.
- TARES OR SPRING VETCHES.**—Used for plowing under; sow one bushel to the acre. Lb. 8c., postpaid 15c., bush. \$3.00, \$4.50 per 100 lbs.
- WINTER VETCHES** (*Vicia Villosa*).—For sowing in autumn. lb. 8c., bush. of 60 lbs. \$4.50.
- BROOM CORN.**—**Improved Evergreen.** Qt. 15c., bush. \$3.00.

BIRD SEEDS—Fresh, Re-cleaned

- CANARY** (Sicily) Qt. 15c., 4 qts. 50c., \$3.00 per bu.
- MIXED BIRD SEED** 15c., 4 “ 50c., 3.00 “
- HEMP SEED** 12c., 5 “ 50c., 2.00 “
- RAPE SEED** 15c., 4 “ 50c., 3.00 “
- SUNFLOWER SEED** 10c., 4 “ 30c., 1.75 “
- MILLET SEED** 10c., 4 “ 30c., 1.25 “
- MAW SEED.**—Lb. 15c., 4 lbs. for 50c.
- CANADA PIGEON PEAS.**—Qt. 10c., pk. 30c., bush. \$1.10, 2 bush. for \$2.00.
- UNHULLED RICE.**—Qt. 20c.
- CUTTLE-FISH BONE.** Each 3c., lb 35c.
- LETTUCE SEED.**—Oz. 5c., lb. 20c.

...GRASS AND CLOVER SEEDS...

Our Grass and Clover Seeds are of the very finest quality, extra clean and free from weeds, and can be relied upon to give the best of satisfaction.

HOW TO MAKE A LAWN

Some previous cultivation, or at least a thorough turning over should be given. A clayey loam is the best foundation for a good lawn. Let the surface be graded to the level wanted in all parts and well rolled—a light raking following this will prepare for the seed sowing, which should be done as early in the spring as the ground can be worked, provided the ground has not already been prepared in the fall. The very best time, the ground being in order, is about April 1st. Three to four bushels per acre should be sown; the latter amount is best, for the young plants are but small and if thick, cover the ground better and make a smoother and more even turf. Mowing should be done at least once a week in favorable growing weather, and even in dry weather it should be cut twice a month. Do not allow the clippings to remain on the ground, except they are very short.

Don't forget to fertilize the **Lawn or Grass Plot**. Well fertilized ground stands the extreme drought much better than ground which is poor. We recommend **Noll's Pure Bone Meal**, \$30.00 per ton, \$3.50 per 200-pound sack, \$2.00 per 100 pounds, or 5 pounds for 25c.; also **Canada Unleached Wood Ashes**. We have the **PURE** ashes and can be relied upon. \$18.00 per ton, \$2.50 per barrel of 250 pounds.

Noll's "Non-Superior Evergreen" Lawn Grass Seed. This mixture is made of the finest varieties, presenting the appearance of the lawn like a bed of dark green velvet. We can safely say that there is no better mixture in the market. The seeds used are all fresh and re-cleaned, and enough white clover is added to make it strong and durable. Qt. 20c., pk. \$1.00, bush. (20 lbs.) \$4.00, five to ten bush. lots \$3.75. *Please note that we give 20 lbs. to the bush., which is nearly 1 1/2 bushels.*

Central Park Lawn Mixture. A very fine mixture, which we can highly recommend. Qt. 20c., pk. 75c., bush. (15 lbs.) \$2.75.

Shady Lawn Mixture. Specially adapted for lawns on which there are trees, and where the usual grass seeds do not thrive. Pk. \$1.25, bush. of 16 lbs. \$4.00.

Mixture for Permanent Pasture Lands. This is a mixture made of the best and most hardy grasses, to form a permanent pasture. Sow two bushels to the acre. Bush. (20 lbs.) \$3.25, 5-bush. lots \$3.00 bush.

Timothy Seed (Prime). About \$1.75 per bush.

Extra Fancy Cleaned Kentucky Blue Grass. One of the most valuable sorts for lawn purposes, and as a pasture grass is indispensable. This grade is the best for sowing lawns. Qt. 15c., bush. (14 lbs.) \$1.75.

Canadian Blue Grass. Adapted especially to high, dry situations. Per lb. 15c., bush. (14 lbs.) \$1.60.

Wood Meadow Grass (*Poa Nemoralis*). Particularly adapted for pleasure grounds and lawns; will grow under trees where few other grasses can exist. Lb. 30c., 100 lbs. \$27.50.

Herd or Red Top Grass. Qt. 15c., bush. (10 lbs.) \$1.00, sack of 50 lbs. \$4.00. Special price quoted on larger quantities.

Fancy Herd or Red Top. Extra re-cleaned seed, free from chaff (32 lbs. per bush.), 20c. per lb., \$15.00 per 100 lbs.

English Rye Grass (*Perennial Rye*). Qt. 15c., bush. (24 lbs.) \$2.00, 5-bush. lots \$1.80 per bush, \$7.00 per 100 lbs.

Italian Rye Grass. \$2.00 per bush. (22 lbs.), \$7.50 per 100 lbs.

Orchard Grass. For pastures, sowing under orchards or shady places. Lb. 20c., bush. (14 lbs.) \$2.10, \$14.00 per 100 lbs.

Crested Dogstail. An excellent grass for hard, dry soils, valuable for pastures or lawns, 25 lbs. to the acre. Lb. 35c., 100 lbs. \$27.50.

Hard Fescue. Thrives well in dry situations where many other grasses fail; 30 lbs. to the acre. Lb. 20c., 100 lbs. \$14.00.

Meadow Fescue. English Blue Grass. An excellent grass for permanent pasture or hay; the foliage is highly nutritious. Lb. 12c., 100 lbs. \$9.00.

Sheep's Fescue (*Festuca Ovina*). Sow 40 lbs. to the acre. Lb. 20c., 100 lbs. \$15.00.

Sweet Vernal (*Perennial*). Very fragrant. Lb. 50c., five lbs. \$2.25.

CLOVER SEED

White Dutch Clover. The best variety for lawns; remains green throughout the season; highest grade of seed only. Lb. 25c., 10-lb. lots 20c. lb., 100 lbs. \$18.00.

Alsike or Swedish. Valuable for pasturage or ensilage. Lb. 25c., 100 lbs. \$11.00.

Alfalfa or Lucerne. Sow early in spring to secure a good stand before winter. Lb. 15c., bush. (60 lbs.) \$6.00, 100 lbs. \$10.00.

Bokhara Clover. Excellent for bee food. Lb. 25c., 10 lbs. \$2.50.

Red Clover. The seed we offer is re-cleaned and free from weeds. Lb. 11c., bush. (60 lbs.) about \$.525. Subject to market changes.

Scarlet or Crimson Clover. Lb. 10c., bush. \$3.25, 100 lbs. \$5.00.

MILLET—PRICES FLUCTUATE

Common Millet. Qt. 15c., bush. (48 lbs.) \$1.35.

German or Golden Millet. Qt. 15c., bush. (48 lbs.) \$1.25.

Hungarian Millet. Qt. 15c., bush. (48 lbs.) \$1.35.

Egyptian, or East India Pearl Millet. Grows from eight to ten feet high. Sow three to five pounds per acre. Lb. 25c., 10 lbs. \$2.00.

SPECIAL MIXTURES FOR PERMANENT PASTURES AND MOWING LANDS

Price, \$2.50 per bushel; 10 bushels and over \$2.25. Sow 2 to 2 3/4 bushels to the acre.

In the preparation of these mixtures for permanent pasture and mowing, the greatest care is exercised in selecting such varieties as are suited to the soil to be laid down, and are likely to realize the object in view. To facilitate this, a description of the soil, whether light, medium or heavy, also climate, the range of temperature and the purpose for which sown, and if with or without a crop, should accompany each order.

NOLL'S NO. 1 MIXTURE FOR PERMANENT PASTURE.

Contains, blended in proper proportions for the purpose, the following grasses: Orchard grass, Sheep's Fescue, Meadow Fescue, Hard Fescue, Canadian Blue, Sweet Vernal, Meadow Foxtail, Tall Meadow Oat, Red Top, Kentucky Blue, Italian Rye Grass, Perennial Rye Grass, Rhode Island Bent, Timothy, Wood Meadow, Rough-Stalked Meadow, Alsike Clover, White Clover, Mammoth Clover. Bush. \$2.50.

NOLL'S NO. 2 MIXTURE FOR PERMANENT MOWING.

Contains, properly blended, Red Top, Perennial Rye Grass, Orchard Grass, Timothy, Red Clover, Mammoth Clover, White Clover, Fine-Leaved Fescue, Rhode Island Bent, Rough-Stalked Meadow, Meadow Fescue, Meadow Foxtail. Bush. \$2.50.

Fresh Tested
Reliable

FLOWER SEEDS

Strictly of the
Finest Quality

For the Convenience of Customers we have numbered all the Flower Seeds, which saves a great deal of time and labor. For instance, if you wish one packet of Alyssum Little Gem, order one packet No. 23, etc. Please be careful to give the correct number, as a mistake in the number would result in getting the wrong seeds.

ABRONIA

Trailing plants, producing clusters of sweet-scented, verberna-like flowers; effective in beds, rock-work or hanging baskets. Half hardy annuals; height, six inches.

- 1 Umbellata. Rosy lilac, with a white eye. Pkt. 5c.

ABUTILON

Sown any time before April, in a temperature of sixty degrees, they will produce fine flowering plants the first season.

- 4 Choice Mixed. All colors; two to six feet high. Pkt. 15c.

ACONITUM (Monk's Hood or Wolfsbane)

A hardy perennial, producing curiously shaped flowers in abundance.

- 7 Napellus. Very pretty blue and white flowers; three feet high. Pkt. 5c.

ADONIS (Flos Adonis)

Also known as Pheasant's Eye. Hardy annuals of easy culture, with pretty fine-cut foliage.

- 13 Aestivalis. Dark crimson flowers, with a light centre; one foot high. Pkt. 5c.

AGERATUM

For large beds or borders, in bloom all summer; half-hardy annuals.

- 16 Large-Flowered Dwarf Blue. Pkt. 5c., oz. 30c.
17 Large-Flowered Dwarf White. Pkt. 5c., oz. 30c.
18 Large-Flowered Dwarf Mixed. Pkt. 5c., oz. 25c.

AMPELOPSIS (Miniature Virginia Creeper or Japanese Ivy)

A hardy perennial from Japan; leaves turn to scarlet in autumn; will adhere to brick or stone walls.

- 21 Veitchii. Pkt. 10c., oz. 30c.

AMARANTHUS (Half-Hardy Annuals)

- 33 Cruentus (Prince's Feather). Erect flowering, bright scarlet. Pkt. 5c.
34 Caudatus (Love Lies Bleeding). Blood red, drooping; three feet high. Pkt. 5c.
37 Tricolor Splendens (Joseph's Coat). Leaves red, yellow and green; three feet high. Pkt. 5c., oz. 50c.
38 Mixed. All sorts. Pkt. 5c.

ALYSSUM

Free flowering plants for beds, edgings or rock-work, or winter blooming; the annual variety blooms all summer.

- 23 Little Gem. Of dwarf, compact habit, each plant covering a circle fifteen to thirty inches in diameter. It begins to bloom when quite small, and the plants are a solid mass of white from spring until late in autumn. Pkt. 5c., ¼ oz. 15c., oz. 50c.
24 Sweet Alyssum. White. Pkt. 5c., oz. 25c.
25 "Carpet of Snow." Pure white, grows only two or three inches high, very spreading. Pkt. 5c., oz. 50c.
26 Saxatile Compactum. Showy golden yellow flowers; hardy perennial, blooms the first season; one foot high. Pkt. 5c.

ANEMONE (Wind Flower)

A very pleasing hardy perennial, easily grown from seed, producing large flowers early in the spring; one foot high.

- 45 Coronaria. Mixed. Scarlet, purple, blue, white, striped. Pkt. 10c.

ANTIRRHINUM (Snapdragon)

A most showy and useful border plant; large flowers of most brilliant colors, with beautifully marked throats; succeed in any good garden soil; very effective in beds; hardy perennials, blooming first year if seed is sown early. One foot high.

- 48 Queen of the North. The finest of all Snapdragons, forms an excellent plant one foot high; each plant occupies a space of 1 to 1½ feet, and is densely covered with large white flowers. A beauty for beds and borders; also valuable for pot culture. Pkt. 10c., ¼ oz. 25c.
49 Dwarf Mixed. Finest Tom Thumb. Pkt. 5c., oz. 40c.
50 Tall Mixed. Pkt. 5c., oz. 30c.

ASTERS (Queen Margaret)

There is no flower which combines so much beauty and variety of habit and shape, with such brilliancy and richness of color, as this; it is splendid for bedding, bordering or pot culture. Give it rich soil and plenty of water for the best results. The seed we offer has been saved from the very best double flowers only.

Dwarf Chrysanthemum Asters

- 60 Pure White. Pkt. 10c. 63 Light Blue. Pkt. 10c.
61 Deep Pink. Pkt. 10c. 64 Deep Scarlet. Pkt. 10c.
62 Lilac. Pkt. 10c. 65 Choice Mixed. Pkt. 10c.

Truffaut's Peony Perfection Asters

- 70 Choice Mixed. Pkt. 10c.

Victoria Asters

- 80 Choice mixed. Pkt. 10c.

Giant Comet Asters

- 90 Choice mixed. Pkt. 10c.

Large Flowered Rose Asters

- 100 Choice mixed. Pkt. 10c.

AQUILEGIA (Columbine)

- 102 Single. All colors mixed. Pkt. 5c., oz. 30c.
103 Double. All colors mixed. Pkt. 5c., oz. 40c.

BALSAM (Lady Slipper or Touch-Me-Not)

Improved Camelia-Flowered. Very choice strain.

- 126 Mixed. Choicest. Pkt. 10c., oz. \$1.00.
127 Mixed. Very fine. Pkt. 5c., oz. 50c.
120 Balloon Vine. A favorite climber. Pkt. 5c., oz. 20c.
121 Balsam Apple. Very useful. Pkt. 5c., oz. 25c.

BEANS

Very rapid climber; flowering profusely and admirably adapted for covering screens, etc.

- 138 Scarlet Runner. Fiery scarlet. Pkt. 5c., pt. 20c.
139 White Runner. Pure white. Pkt. 5c.

BRACHYCOME (Swan River Daisy)

Free flowering plants, covered during the greater part of summer with a profusion of pretty Cineraria-like flowers. Half-hardy annual.

- 163 Iberidifolia Mixed. Light blue and white. Six inches high. Pkt. 5c.

BROWALLIA

One of our favorite bedding plants, covered with rich, beautiful flowers during the summer and autumn months, growing freely in any rich soil; blooms finally in winter if sown in August. Half-hardy annuals, eighteen inches high.

- 170 Elata Grandiflora Cœrulea. Large sky-blue flowers, with a white centre. Pkt. 5c.

BEGONIA (Tuberous-Rooted Varieties)

- 153 Choicest strain. Single mixed. Pkt. 15c.
144 Double mixed. Choicest strain. Pkt. 25c.

CAMPANULA (Canterbury Bells)

- 199 Choice Mixed Double. Pkt. 5c., oz. 50c.
200 Choice Mixed Single. Pkt. 5c., oz. 30c.

CALENDULA (Pot Marigold)

Showy, free-flowering, hardy annuals, growing in any good garden soil, producing a fine effect. One foot high.

- 175 Grandiflora (New). Beautiful large double yellow flowers. Pkt. 5c., oz. 30c.
177 Prince of Orange. This novelty surpasses the Calendula Meteor; the stripes around each petal are a deep orange color, making a brilliant appearance. Pkt. 5c., oz. 30c.

CANNA (Indian Shot Plant)

- 205 Madam Crozy. Large red with yellow border. Pkt. 5c., oz. 20c.
207 Crozy's New Dwarf. Choicest mixed. Pkt. 5c., oz. 20c.

CALLIOPSIS OR CEREOPSIS

Showy and useful free-flowering plants, of easy cultivation. Hardy annuals.

- 226 Mixed. All the choicest kinds. Pkt. 5c., oz. 25c.

CANDYTUFT (Iberis)

- 183 Empress or Snow Queen. A complete mass of pure white flowers; immense size. Pkt. 10c., oz. 40c.
186 Fine Mixed. All the above tall-growing varieties; one foot high. Pkt. 5c., oz. 15c.

CENTAUREA (Ornamental Foliage Sorts)

- 249 Gymnocarpa. Fine cut, silvery gray foliage. Pkt. 10c., 500 seeds 25c., 1,000 seeds 40c.
250 Caudidissima. Splendid silvery, broad-cut leaves; one foot high. Pkt. 10c., 500 seeds 30c., 1,000 seeds 50c.

COREOPSIS (California Sunbeams)

- 227 Lanceolata Grand Flora. These lovely improved varieties are much larger than any heretofore offered: the flowers are beautifully formed: some saucer-shaped, others flat, some exquisitely incurved, while others are like great huttercups. The petals are broad, with irregularly fringed edges. Some are very light yellow, others a per shade, darker around the eye. Pkt. 10c.

CARNATION

- 231 *Marguerite*. A very beautiful class of Carnations. May be grown as an annual, the plant commencing to bloom four months after sowing in the open ground, and continuing to bloom with increasing profusion as the plants increase in size. If seed is sown in April plants commence to bloom in August. The flowers are very double and beautifully fringed, and have the sweetest and most agreeable perfume. Choicest mixed; all colors. Pkt. 10c., ½ oz. 50c.
- 234 *Finest Germau*. Mixed. Pkt. 25c.
- 235 *Very Early Vienna*. Mixed. Pkt. 10c.
- 236 *Fine Mixed*. Pkt. 10c.

CALCEOLARIA

An ornamental plant, and a universal favorite for decorating the greenhouse or conservatory.

- 218 *James' Superb Strain*. Superfine mixed. Pkt. 50c.
- 214 *Hybrida Grandiflora*. Tall, Mixed. Large flowering, completely covered with beautiful, rich, self-colored flowers; saved from choice collections; all colors. Pkt. 25c.
- 216 *Hybrida Grandiflora Pumila Compacta*. Dwarf, compact, robust growth, producing immense trusses of large and varied brilliant self-colored and spotted flowers. One foot high. Pkt. 40c.

CASTOR OIL BEAN (See Ricinus)**COREOPSIS (See Calliopsis)****254 CENTROSEMA GRANDIFLORA (Butterfly Pea)**

A hardy perennial vine of rare and exquisite beauty, and absolutely new to cultivation. It blooms in June from seed sown in April, and bears profusely large, inverted, pea-shaped flowers, ranging in color from rosy violet to purple with a broad, feathered, white marking through the centre, while the large buds and back of the flowers are pure white, the stem and foliage are very graceful and of a delightful odor. It is well adapted for every garden purpose, and especially as a climber, running six to eight feet in a season. Pkt. 10c., 3 pkts. 25c.

CINERARIA

- 279 *Dwarf Giant Prize*. Mixed; all colors; best sort as a pot plant. Pkt. 35c.
- 280 *Tall Giant Prize*. Mixed; desirable to grow as a decorative plant, also for cutting. Pkt. 35c.
- 278 *James' Giant Strain*. Half-dwarf, mixed. Pkt. 30c.

CYPRESS VINE

- A favorite climbing vine.
- 295 *Mixed*. Pkt. 5c., oz. 25c.

CHRYSANTHEMUM (Paris Daisies or Marguerites)

- Showy and effective garden favorites, extensively grown for cut flowers.
- 270 *Choice Mixed*. All colors. Pkt. 5c.
- 275 *Large Flowering Autumn Varieties*. Including Japanese and Chinese. Pkt. 15c.

COSMOS

An autumn flowering plant. The large flowers are born profusely, and present a charming appearance when the plants are in full blossom as they wave to and fro in every passing breeze. Seed should be sown early in spring and the plants transplanted in the open border when danger from frost is past. If young plants are starved a little it will have the effect of bringing them into bloom earlier.

- 261 *Mammoth Flowering*. Choicest mixed of all colors. Pkt. 5c., ¼ oz. 20c., oz. 60c.
- 266 *Mammoth Flowering*. Fancy varieties. Mixed of all largest flowers. Pkt. 10c., ¼ oz. 30c.

CELOSIA OR COCKSCOMB

- 222 *Choice Mixed*. Pkt. 10c.

CENTAUREA (Cyanus)

- 289 *Choice Mixed*. All colors. Pkt. 5c., oz. 25c.
- 291 *New Dwarf Mixed*. Pkt. 10c.
- 296 "*Margarita*." New mammoth flowering Corn Flower. The blooms which are snow white measure three to four inches across and are very fragrant. Pkt. 10c.

CONVOLVULUS MAJOR (Climbing Varieties)

- 326 *Single*. All colors mixed. Pkt. 5c., oz. 10c.
- 530 *New Double*. All colors mixed. Pkt. 10c.

CLEMATIS

Soak the seed in warm water for twenty-four hours before sowing; hardy perennials; fifteen feet high.

266 *Jackmani Type*. Large flowering, mixed. Pkt. 20c.

CLEOME PUNGENS (Giant Spider Plant)

Singular-looking, rose-colored flowers; the stamens look like spiders' legs, and present a very attractive appearance; annual; three feet. Pkt. 5c.

DAHLIA

Tuberous rooted half-hardy perennials; blooming the first year from seed if sown early. Protect the roots during winter in a dry cellar in sand.

330 *Large-Flowering Double*. Saved from the finest flowers. Mixed. Pkt. 10c.

DATURA (Trumpet Flower)

In large clumps and borders of shrubbery they produce an excellent effect, flowering the first year from seed if sown early. Half-hardy perennials, three feet high.

345 *Double Mixed*. Pkt. 5c.

DIANTHUS (Pinks)

Classed among the most popular flowers in cultivation, producing a great variety of brilliant colors and profusion of bloom.

- 357 *Extra Double Vienna*. Choice mixed. Pkt. 5c., oz. 30c.
- 359 *Large-Flowered Fringed*. Pkt. 10c.
- 361 *Extra Double Scotch*. Hardy. Pkt. 15c.

DIANTHUS (Single Sorts)

- 368 *Eastern Queen*. Beautifully marbled. Pkt. 10c.
- 369 *Crimson Belle*. Crimson, very large, finely fringed. Pkt. 10c.
- 370 *Choicest Mixed Single*. Large flowering. Pkt. 10c.

DAISY (Bellis Perennis)

The seed is saved from the finest double varieties. Daisies can be easily raised from seed sown in the spring.

- 340 *Mixed*. Very choice. Pkt. 10c.

DIGITALIS (Foxglove)

A handsome and highly ornamental hardy perennial.

- 353 *Montrosa (Mammoth Foxglove)*. The largest and best type; all colors mixed. Pkt. 10c.
- 354 *Gloxinaeflora*. Gloxinia-shaped flowers. A lovely type; all colors mixed. Pkt. 5c.

DELPHINIUM (Perennial Larkspur)

Sow very early in spring or in August and September.

- 375 *Hybrid Mixed*. Pkt. 10c. (See also Larkspur.)

EVERLASTINGS

- 390 *Helychrysium Montrosium*. Choice mixed. Pkt. 5c.
- 391 *Rhodanthe*. Choice mixed. Pkt. 5c.

ESCHSCHOLTZIA (California Poppy)

- 405 *Choice Mixed*. Hardy annual. Pkt. 5c., oz. 25c.
- 409 *Euphorbia (Variegated Snow on the Mountain)*. Attractive foliage, with white and green bracts on the tips of each branch, veined and margined with white. Pkt. 5c.

FEVERFEW (Matricaria Eximia)

Free flowering herbaceous plants succeeding in any garden soil; hardy annual eighteen inches.

- 413 *Grandiflora*, Double White (M. Eximia). Pkt. 10c.

FOXGLOVE. (See Digitalis)**FORGET-ME-NOT. (See Myosotis).****GAILLARDIA**

Splendid bedding plants, continuing in beauty during the summer and autumn; half-hardy annuals.

- 451 *Picta Mixed*. Pkt. 5c., oz. 20c.
- 452 *Picta Lorenziana*. Called the double variety on account of the fullness of the flower. Pkt. 5c., oz. 60c.

GERANIUM (Zonale)

- 433 *Zonale Mixed*. A superb strain of the largest and finest varieties; mixed colors. Pkt. 10c.
- 434 *Apple-Scented*. Sow in light soil and keep moist until they germinate. Pkt. 10c.

GOMPHRENA (Globe Amaranth Bachelor Button)

- 389 *Mixed*. Pkt. 5c.

Glaucium (Horn Poppy)

An ornamental foliage plant, recurved, silvery leaves, deeply cut to the rib. Flowers are orange yellow, bell-shaped and drooping; hardy biennial, two feet high.

- 417 *Corniculatum*. Pkt. 5c., oz. 50c.

GOLDEN FEATHER (See Pyrethrum)**GODETIA**

An attractive hardy annual. The plants bloom profusely, and bear showy flowers of rich and varied colors.

- 473 *Choice Mixed*. Pkt. 5c.

GOURD (Cucurbita)

- 477 *Calabash (The Dipper)*. Pkt. 5c.
- 478 *Hercules' Club*. Club-shaped. Pkt. 5c.
- 479 *Egg-shaped*. Fruit white like an egg. Pkt. 5c.
- 480 *Orange-Shaped, or Mock Orange*. Pkt. 5c.
- 481 *Luffa (Dish-Rag or Bonnet Gourd)*. Pkt. 10c.
- 482 *Tricosanthes (True Serpent Gourd)*. Pkt. 5c.
- 483 *Fine Mixed*. From a large collection. Pkt. 5c., oz. 20c.

GLOXINIA (Grassifolia Grandiflora)

442 *International Mixture*. The best strain in existence, embracing all the choicest self and tigered flowers. Pkt. 25c.

- 489 *Gypsophila Paniculata*. White flowers, beautiful for bouquets, imparting a light, airy appearance; hardy perennial; two feet. Pkt. 5c.

HYACINTH BEAN (Dolichos)

A rapid growing plant for covering arbors, trellises, etc.

- 519 *Mixed*. All colors. Pkt. 5c., oz. 10c.

IPOMŒA (Large Morning Glory)

- 528 Mixed. All colors. Pkt. 5c., oz. 15c.
 527 Noctiflora (Moon Flower). Pkt. 10c., oz. 60c.

HELIOTROPE

- Seeds sown in the spring will make fine plants for summer blooming.
 515 Mixed. Pkt. 10c.

HELIANTHUS OR SUNFLOWER

- 496 Double Globe. Pkt. 5c.
 497 Mammoth Russian. Pkt. 5c., qt. 10c.

HOLLYHOCK—Charter's Improved Double

- Our seed has been saved from the best-named varieties. Seed sown in June and July will flower the following summer; hardy.
 504 Pink. Extra Double. Pkt. 10c., ¼ oz. 40c., oz. \$1.25.
 505 White. Extra Double. Pkt. 10c., ¼ oz. 40c., oz. \$1.00.
 506 Red. Extra Double. Pkt. 10c., ¼ oz. 40c., oz. \$1.25.
 507 Yellow. Extra Double. Pkt. 10c., ¼ oz. 40c., oz. \$1.25.
 509. Mixed. Extra Double. Pkt. 10c., ¼ oz. 30c., oz. \$1.00.

KENILWORTH IVY (Linaria Cymbalaria)

- 535 A charming small, neat trailing plant, suitable for baskets, vases, pots and rock work. Pkt. 10c.

LAVENDER

- An aromatic plant, the leaves and flowers of which are dried and used for scenting clothing, rooms, etc.
 541 Blue. Pkt. 5c.

LARKSPUR ANNUAL SORTS

- 544 Dwarf Double Rocket. Mixed colors. Pkt. 5c., oz. 25c.
 545 Tall Stock Flowered. Mixed colors. Pkt. 5c., oz. 25c.
 See For Perennial Larkspur see Delphinium.

LOBELIA

- A dwarf plant with delicate, graceful foliage and pretty, fine flowers. For hanging baskets, pot culture or bedding.
 556 Mixed. All colors. Annual. Pkt. 5c.

LUPINUS (Sun Dials)

- The seeds should be sown where they are to bloom, as they do not transplant well.
 572 Mixed. All colors of annual varieties. Two feet high. Pkt. 5c., oz. 15c.

MARVEL OF PERU (Four-O'Clock)

- 575 Choice Mixed. Pkt. 5c., oz. 15c.

MIMULUS (Monkey Flower)

- Showy, profuse Flowering plants. Fine for greenhouse, or moist shady situations.
 619 Tigrinus, Choice Mixed. The finest Tigered and Spotted varieties, rivaling the Calceolaria in its brightnes-s. Pkt. 5c.
 620 Moschatus (Musk Plant). Fine for hanging baskets, etc., small yellow flowers, fragrant foliage. Pkt. 5c.

MARIGOLD (Tagetes)

- 587 Legion of Honour ("Little Brownie"). Single flowering, compact bushes; six inches high. Begins flowering extremely early. The flowers are golden yellow, marked with a large spot of crimson velvet. Pkt. 5c.
 582 Large African. Tall, double, orange brown and yellow mixed. Two feet high. Pkt. 5c., oz. 30c.
 583 Dwarf French. Mixed; double. One foot high. Pkt. 5c., oz. 40c.
 See also Calendula and Tagetes.

MIGNONETTE (Reseda Odorata)

- 627 Machet or French. Without doubt the best as well as the sweetest sort in existence. Pkt. 10c., oz. 75c.
 638 Quaker City. The flower spikes are of great substance. Rounded at the top, of a handsome gold-red color, and unusually rich, sweet fragrance. Pkt. 10c., ¼ oz. 25c.
 629 Bird's Mammoth. Pkt. 10c., oz. \$1.00.
 635 Grandeflora. Plants pyramidal. Pkt. 5c., oz. 30.

MAURANDIA

- A most beautiful climber of rapid and slender growth, producing an abundance of pretty, tube-shaped flowers, which continue to bloom until late in fall. Ten feet high.
 598 Mixed. All colors. Pkt. 10c.

MESEMBRYANTHEMUM (Ice Plant)

- 602 Crystallinum, White. Pkt. 5c.
 603 Cordifolium Variegatum. Pkt. 10c.

MYOSOTIS (Forget-Me-Not)

- Neat and beautiful little plants, succeeding best in a shady, moist situation. Half-hardy perennials, blooming the first year from seed if sown early.
 607 Alpestris Victoria. Of bushy habit, bearing large, bright blue flowers. The plant attains a diameter of eight to ten inches, and when fully grown is globular in shape and perfectly covered with flowers. Pkt. 10c., oz. \$3.00.
 611 Palustris Semperflorens. The most desirable sort for cutting or greenhouse use. Pkt. 10c.
 612 Mixed. All sorts. Pkt. 5c.

MOON FLOWER (Ipomœa)

- 522 Heavenly Blue. Flowers four to five inches across, in large clusters of light blue with a yellow throat. This climber is so completely covered with bloom as to almost cover the foliage. It is also a splendid conservatory climber. Pkt. 15c.

MIMOSA PUDICA (See Sensitive Plant)**MORNING GLORY (See Convolvulus and Ipomœa)****NEMOPHILA**

- Hardy annuals; one foot high.
 650 Insignis. Bright blue flowers, white centre. Pkt. 5c.

NOLANA

- Desirable plants for hanging baskets, bearing bell-shaped flowers.
 654 Mixed. Pkt. 5c.

OXALIS

- Beautiful small plants, suitable for the greenhouse, baskets or outdoor culture; flowering the first year if sown early.
 661 Floribunda Rosea. Very desirable for hanging baskets and vases. Pkt. 10c.
 662 Mixed. Pkt. 10c.
 663 Tropæoloides. Very desirable border plant, foliage dark copper color. Pkt. 10c., ¼ oz. 50c.

PINKS (See Dianthus)**PORTULACA**

- Must be sown in sandy soil, in a sunny situation.
 769 Choicest Mixed Single. All colors. Pkt. 5c., oz. 35c.
 770 Choicest Mixed Double. Pkt. 10c., ¼ oz. 50c.

PYRETHRUM (Feverfew)

- Yellow foliage sorts for bedding.
 778 Aureum (Golden Feather). Best for edging. Pkt. 10c., oz. 80c.

NASTURTIUMS

- Nasturtiums are among the most useful and beautiful of annuals for bedding, massing, etc., owing to their compact growth, richness of color and profusion of blooming. They flower most profusely when planted in a poor soil.

Climbing Nasturtiums

- Specially adapted for trellises, verandas, vases and hanging baskets.
 685 Madam Gunther's Hybrids. For richness and variety of colors these new hybrids have no equals among Nasturtiums. The foliage is mostly dark, contrasts very effectively with the rich colors. They are climbers and are free and continuous bloomers. Pkt. 10c., oz. 25c.
 692 Mixed. All colors. Pkt. 5c., oz. 15c., lb. \$1.25.

Tom Thumb or Dwarf

- 666 Liliput. An entirely new class of Dwarf Nasturtiums, smaller than the Tom Thumb, the dainty little flowers are produced in the greatest profusion, well above the small bushy foliage. The seed is much smaller than the one in the Tom Thumb Nasturtiums and similar to that of the Lobbianum section, the best evidence that we have an entirely new break in the Tropæolum family. All colors in choicest mixture. Pkt. 5c., oz. 25c.
 667 Aurora. A new dwarf. The plant forms a perfect globe and is literally covered with yellow, blotched with crimson flowers, completely hiding the foliage when in full bloom. Pkt. 5c., oz. 25c.
 668 Ladybird. A new and distinct sort. The ground color is a rich golden yellow, each petal barred with a broad vein of bright ruby crimson; very showy and charming. Pkt. 5c., oz. 25c.
 676 Empress of India. Splendid new dwarf variety, with very dark leaves and crimson flowers. Pkt. 5c., oz. 25c.
 678 Dwarf or Tom Thumb Mixed. All colors. Pkt. 5c., oz. 15c., ¼ lb. 35c., lb. \$1.25.

PANSY

- 746 Noll's Giant Exhibition pansy. In mixture, a strain which we have secured from one of the leading pansy specialists in Germany, to which we added the cream of the Paris strain, also the choicest to be had from Scotland. It can be relied on to give flowers of immense size, very heavy texture, and of the most brilliant colors. Pkt. 25c., ½ trade pkt. 50c., ¼ oz. \$1.00.
 749 Trimardeau (True). Excellent large flowers, each petal blotched; choice mixture. Pkt. 15c., four pkts. 50c.
 750 Ne Plus Ultra. Immense flowers of the most beautiful colors. Pkt. 25c., three pkts. 60c.
 752 Finest Mixed Imported. Pkt. 10c., oz. \$1.50.

PETUNIA

- 731 Giants of California. Most of the flowers are exquisitely fringed on the edges and of enormous dimensions (four to five inches across), but their great merits lie in the varieties of colors, blotchings and stripings. Pkt. 25c., five pkts. \$1.00.
 731 Hybrid Nana Compacta Multiflora ("The Star"). Dwarf habit and profuse bloomer, eight inches high. Pkt. 10c.
 735 Very Choice Mixed. Blotched and striped. Pkt. 10c., oz. \$1.00.
 736 Fine Mixed. All colors. Pkt. 5c., oz. 60c.
 732 Double-fringed and Hybridized. Selected and hybridized with the greatest of care, and can be relied upon to produce a large percentage of double flowers of bright colors. Pkt. 25c., five pkts. \$1.00.

PHLOX DRUMMONDII

A very hardy annual, invaluable for bedding, masses and cut flowers, from its bright colors, which vary from the purest snow white to the deepest blood red, and the unusual length of its blooming season. There is no annual which can compare for beauty, duration of bloom, brilliancy of colors and usefulness to the phlox.

Grandiflora Varieties

713 Choice Mixed. Contains twenty-five colors. Pkt. 10c., oz. 75c.

Dwarf or Compact Varieties

721 Pink. Beautiful shade. Pkt. 10c., 1/8 oz. 5c.
722 Scarlet. Striped with white. Pkt. 10c., 1/8 oz. 5c.
724 Choicest Mixed. Dwarf. Pkt. 10c., oz. \$2.50.

PRIMULA (Sinesis Frimbriata—Chinese Primrose)

794 Prize Mixture. Grown by a primula specialist, who has received prizes wherever he has exhibited the plants. The seed can be relied upon. Pkt. 25c., 1-32 oz. \$1.00, 1/8 oz. \$3.75.

Hardy Primrose

811 Primula Veris (English Cowslip). Flowers of different colors, yellow, brown and yellow-edged, etc., very fragrant. Pkt. 10c.
813 Primula Vulgaris. The common hardy English variety, light canary-yellow color. Pkt. 10c.

SCHIZANTHUS (Butterfly Flower)

847 Papilionaceus Mixed. One of the finest annuals in cultivation. The flowers are as handsome as some of the orchids and productive continually. Pkt. 5c.

POPPY

Showy and ornamental plants with large flowers of brilliant colors. Very attractive in large beds, clumps and mixed borders. They are of very easy culture, and succeed in any garden soil; the seed should be sown where it is to remain, as they do not stand transplanting.

Single Varieties (Annual)

817 Shirley Poppies. These charming poppies are generally single or semi-double. The range of color extends from pure white, through the most delicate shades of pale pink, rose and carmine, to deepest crimson. The blooms, if cut when young, will stand for several days. Pkt. 5c., oz. 50c.
827 Iceland Mixed. The colors range from the purest white and yellow to the deepest glowing orange scarlet, and have a delicious fragrance. The profusion of flowers is really astonishing. They are very fine cut flowers and will last a week if cut as soon as they are open. Mixed colors. Pkt. 10c., three pkts. for 25c. Iceland Poppies can also be treated as perennials.
831 Tulip Poppy. No adequate idea can be gained of the strikingly beautiful effect presented by a bed or mass of this magnificent poppy when the plants are in full bloom, the color being, even when seen from a distance, of such a glowing scarlet as to perfectly dazzle the eye, suggesting at once a bed of scarlet tulips. The plants grow about fourteen inches high, and produce from fifty to sixty flowers, well above the foliage. Pkt. 10c.

Double Varieties (Annual)

823 Pæony-Flowered. Large and very double; mixed colors. Pkt. 5c., oz. 20c.

RICINUS (Castor Oil Bean)

Stately, strong-growing plants, with very ornamental foliage, particularly well adapted as centre plants of groups of cannas, Japanese maize, caladiums, dahlias, etc. Height, four to fifteen feet.

786 Borboniensis Arboreus. Very large and beautiful foliage; fifteen feet high. Pkt. 5c., oz. 20c.
787 Gibsonii or Duchess of Edinburgh. Dwarf branching habit, deep red foliage; five feet high. Pkt. 5c., oz. 25c.
790 Mixed. All sorts. Pkt. 5c., oz. 15c.
789 Zanzibariensis (Palma Christi). An entirely new and distinct class. The plants attain great dimensions, presenting a splendid aspect with their gigantic leaves, which range from a brilliant coppery bronze to light and dark green; the ribs also are of bright colors and contrast nicely with the leaves. Pkt. 5c., oz. 30c.

SENSITIVE PLANT (Mimosa Pudica)

850 Curious and interesting plants, with pinkish-white flowers; the leaves close and droop when touched or shaken; they require a mixed soil of peat, loam and sand. Pkt. 5c.

SALVIA (Scarlet Sage)

A favorite bedding plant, bearing long spikes of flowers in great profusion from July to October; half-hardy perennials, blooming the first year from seed; three feet high.

837 Coccinea. Very free flowering, brilliant scarlet. Pkt. 5c.

SALPIGLOSSIS

A class of highly ornamental autumn flowering plants with beautifully veined and tinted funnel-shaped flowers similar to a fancy Petunia, rendering them very effective in beds and borders. A very choice annual, eighteen inches high.

842 Grandiflora. Fine mixture of new large flowering varieties. Pkt. 5c.

SCABIOSA (Mourning Bride)

One of the handsomest summer plants, producing in great profusion very double flowers in a variety of shades and colors; a splendid flower for table bouquets; hardy annuals.

877 Grandiflora (New). Enormous size, very double flowers of brilliant colors; mixed. Pkt. 10c., three pkts. for 25c.

SMILAX

858 Soak the seed for twenty-four hours in warm water before sowing. Pkt. 10c., oz. 50c., lb. \$1.00.

STOCKS

885 Princess Alice (Cut and Come Again). Perpetual blooming, growing about two feet high. If sown early, it commences blooming in June and continues until destroyed by frost. It throws out numerous side branches bearing clusters of very double, pure white, fragrant blossoms, and is excellent for cutting. Pkt. 10c., 1/8 oz. 5c.

TEN-WEEK STOCKS (Large-Flowering Dwarf Sorts)

Very desirable as a pot plant or for outdoors. The seed we send out is from pot-grown plants, therefore will produce at least seventy per cent. of large double flowers. For early flowering, start the seeds in a greenhouse or hotbed, and transplant into the garden in May after all danger of frost is over; half-hardy annual.

895 Mixed. All colors. Pkt. 10c., 1/8 oz. 5c.
892 Wallflower-Leaved, Mixed. Pkt. 10c.
894 East Lothian. Choice mixed. Pkt. 15c.

VIRGINIAN STOCK

898 Mixed. All colors. Pkt. 5c.

SWEET WILLIAM (Dianthus Barbatus)

A well-known plant, which has been greatly improved of late years, producing splendid effect in beds and shrubbery; hardy perennial; one and one-half feet high.

867 Auricula-Flowered Mixed. A beautiful class of "eyed" single varieties, all colors. Pkt. 5c., oz. 40c.
868 Double Mixed. The finest colors saved from a splendid double collection. Pkt. 10c., oz. \$1.00.

SWEET SULTAN

873 Choice Mixed. Pkt. 5c., oz. 25c.

NEW CROP, 1899, NOLL'S SELECTED "GILT EDGE"**Eckford's Large-Flowering****SWEET PEAS**

When properly grown, are nearly double the size of the ordinary varieties, of perfect form, and present combination in marking and colors heretofore unknown in this exquisite flower. The seed should be sown as early as the ground can be worked in the spring to enable the vines to get a good strong growth before the warm weather comes. Prepare the ground by thoroughly working in a large quantity of well-rotted manure, sow the seed and cover two inches deep. As fast as the flowers come into full bloom or fade they should be cut off, for if the seed pods are allowed to form, the plants will stop blooming. Seed may also be sown late in the autumn.

	Per Pkt.	Per Oz.	Per 1/4 Lb.	Per Lb.
1005 Aurora. White flaked with orange salmon; very large	\$0.10	\$0.15	\$0.30	\$1.00
901 Apple Blossom. Bright rose and pink	.05	.10	.25	.75
918 Blanche Ferry. The popular white and pink variety	.05	.10	.25	.75
917 Blanche Ferry. Extra early. Ten days earlier than the above	.05	.15	.30	1.00
924 Blanche Burpee. Very large, pure white	.05	.15	.30	1.00
902 Boreatton. Very large flower, deep maroon color	.05	.10	.25	.75
925 Cupid. Dwarf white	.05	.15	.30	1.00
1012 Cupid. Dwarf pink (New)	.10	.25	.75	2.50
903 Cardinal. Large cardinal scarlet	.05	.15	.30	1.00
907 Countess of Radnor. The finest lavender blue	.05	.10	.25	.85
904 Emily Henderson. One of the best white	.05	.10	.25	.75
1001 Fire Fly. Deep rich brilliant scarlet	.05	.15	.30	1.00
1013 Grey Friar. Beautiful watered purple on white ground	.05	.10	.25	.75
906 Indigo King. Rich indigo color	.05	.10	.25	.75
921 Katherine Tracy. Soft clear brilliant pink	.05	.10	.25	.75
908 Lottie Eckford. White, edged with lavender blue	.05	.10	.25	.75
909 Miss Hunt. Standard carmine salmon, wings soft pink	.05	.10	.25	.75
1004 Mikado. Cerise ground, lined with white stripes	.05	.10	.25	.75
1010 Mrs. Eckford. The best yellow variety	.05	.15	.30	1.00
912 Monarch. Deep bronzy maroon and deep blue	.05	.10	.25	.75
910 Orange Prince. Orange salmon and pink	.05	.10	.30	1.00
911 Primrose. Pale yellow	.05	.10	.25	.75
919 Princess Beatrice. A rich pink variety	.05	.10	.30	1.00
913 Queen of England. Pure white	.05	.10	.25	.75
1006 Red Riding Hood. New and quite odd in shape. rich red	.05	.15	.30	1.00
922 Senator. Rich brown and chocolate striped	.05	.10	.30	1.00
914 Splendor. Superb pink shaded with crimson	.05	.10	.30	1.00
1014 Venus. One of the very best pink varieties	.05	.10	.30	1.00
915 Collection containing 20 ounces, one ounce of each variety separate	\$1.50			
923 Collection containing 20 packets, each variety separate	.75			
1002 Collection containing 10 packets, each variety separate	.40			
916 Mixture of all Eckford's large flowering varieties	.05	.10	.20	.65
1003 Fine Mixed. All colors, very good	.05	.15	.30	.50

EVERLASTING PEAS

920 Choicest Mixed. Hardy perennial. Will bloom the first season if sown early. Pkt. 5c., oz. 30c.

TAGETES (Single Marigold)

A dwarf Globular compact, bushy plant, densely covered with flowers, valuable for borders as well as beds. Half-hardy annual.

969 Pimila Golden Ring. Orange color. Pkt. 5c.

THUNBERGIA (Black-Eyed Susan)

Rapid-growing climbers, thrive in light, rich soil; very pretty; borne profusely during the season. Fine for vases, rustic work, etc.

944 Mixed. All colors. Pkt. 5c., oz. 40c.

TROPAEOLUM (See Nasturtium)**VERBENAS**

Easily grown from seed. If sown early in spring they will flower quite early in the season. Indispensable for bedding and edging. The seed has been saved from one of the finest collections.

933 Very Fine Mixed. Pkt. 5c., oz. \$1.00.

934 Mammoth Choicest Mixed. These cannot be surpassed for size and color. Pkt. 10c., 1/2 oz. 50c., oz. \$2.50.

ZINNIA (Youth and Old Age)

979 Haageana. Choicest mixed single. Pkt. 5c.

986 Extra Choice Mixed. Saved from selected double flowers. Pkt. 5c., oz. 30c.

VINCA (Madagascar Periwinkle)

949 Mixed. Pkt. 10c., oz. \$1.00.

VIOLET (Viola Odorata)

Thrives best in a shady situation, in a rich, deep soil; hardy perennials.

956 Single Mixed. White and blue. Pkt. 10c.

WALLFLOWER

Well-known fragrant garden plants, blooming early in the spring, with large spikes of flowers; they should be protected in a cold frame in the winter, and planted out in May; half-hardy perennials.

960 Single Mixed. All colors. Pkt. 5c.

961 Finest Double Mixed. All colors. Pkt. 10c.

WILDFLOWER GARDEN

966 A mixture of about one hundred popular annuals and perennials: will make a good effect wherever sown. Pkt. 5c., oz. 15c., lb. \$1.00.

BULBS AND PLANTS

AMPELOPSIS VEITCHII (Japanese or Boston Ivy)

A perfectly hardy ampelopsis of Japanese origin. It grows as rapidly as the old Virginia Creeper, and attains a height of fifty feet. It clings firmly to any wall, tree, etc., becomes more popular every season, and is without question one of the best climbing plants for covering brick or stone walls that can be grown. Two-year-old plants, each 25c., per doz. \$2.50, per 100 \$12.00.

One-year-old strong, young plants, per doz. \$1.50, per 100 \$9.00.

CALLA LILIES

These are very ornamental and flower freely. The foliage is beautifully spotted and the flowers are pure white.

Spotted, or Variegated Foliage. Each 10c., per doz. \$1.00.

White. Each 10c., per doz. \$1.00, per 100 \$10.00.

Black. Each 15c., per doz. \$1.50.

CINNATION VINE

One of the most rapid creepers. Hardy. Each 5c., per doz. 50c.

CANNAS—The Best Varieties

Alphonse Bouvier. Rich velvety red; very large truss and flower; petals broad and wavy. Each 8c., per doz. 75c., per 100 \$5.00.

Austria. A splendid variety: grows five feet high; leaves 15 to 18 inches long and 5 to 10 inches broad. Flowers 6 to 7 inches across and borne erect in immense trusses; color pure deep golden yellow, truly magnificent. Each 10c., per doz. \$1.00, per 100 \$5.00.

Burbank (New). Very large flowering, rich yellow, with very substantial heavy light green foliage. Height about four feet. Each 10c., per doz. \$1.00, per 100 \$5.00.

Charles Henderson. A grand variety of a fine crimson color. Three and one-half feet high, a desirable companion to Florence Vaughan. Each 8c., per doz. 75c., per 100 \$5.00.

Eldorado. Bright, clear yellow, lightly marked with crimson, light green foliage. The best yellow Canna for general effect, being a very profuse bloomer. Each 10c., per doz. \$1.00, per 100 \$5.00.

Egendale. Valuable as a bedding variety, bronzy foliage, with large bright cherry red flowers of good shape and substance. It is of compact, uniform growth, height four feet, is considered one of the very best dark foliage varieties. Each 10c., per doz. \$1.00 per 100 \$5.00.

Florence Vaughan. Bright rich golden yellow, spotted with bright red, the flowers, which are large size, of great substance and perfect form, are borne in large heads and in the greatest profusion; the foliage is massive and of a rich green color, three feet in height. Each 10c., per doz. \$1.00, per 100 \$5.00.

Flamingo. Crimson, flowers over four inches in diameter, heavy in texture; they cluster around the stem in an even manner, giving the truss the grace and finish of a Hyacinth spike; its habit is perfect, strong and compact, growing about three feet high. Each 15c., per doz. \$1.50, per 100 \$7.50.

Italia (Orchid-Flowered Canna). Rich golden yellow, with a broad blotch of dark crimson maroon in the centre of each petal and throat. Each 10c., per doz. \$1.00, per 100 \$5.00.

Madame Crozy. Brilliant vermilion scarlet; bordered with deep golden yellow. The foliage is green, broad and massive; the habit of the plant is compact and vigorous; height four feet. Each 8c., per doz. 75c., per 100 \$5.00.

Queen Charlotte. Rich crimson scarlet, with wide gold border on every petal. A very handsome plant, medium in height, compact grower, broad, green leaves, profuse bloomer. Each 10c., per doz. \$1.00, per 100 \$5.00.

Mixed Dwarf French. Containing the best sorts only. Each 6c., per doz. 60c., per 100 \$4.00.

Tall Sorts Mixed. Each 6c., per doz. 60c., per 100 \$4.00.

CALADIUM (Elephant's Ear)

Especially adapted as a border for Cannas and tall-growing grasses.

	Each.	Doz.	100.
Small sound bulbs	5c.	\$.50	\$4.00
Medium size sound bulbs	10c.	1.00	7.00
Large size sound bulbs	20c.	2.00	11.00
Extra large (Mammoth)	30c.	3.00	16.00

Fancy-Leaved Caladiums. Best New Varieties. Including the choice transparent sorts. Each 25c., per doz. \$2.50.

CLEMATIS (Hardy Perennial Climbers)**Collection of Large-Flowering**

Alexandra. Pale reddish violet.

Andre Leroy. Lavender.

Belle of Woking. Double purple, free bloomer.

Duchess of Edinburgh. Double pure white, fragrant.

Jackman. Violet purple.

Madame Edouard Andre. Deep crimson.

Madame Baron Veillard. Pinkish lilac.

Strong two-year-old plants in pots, each 75c., per doz. \$8.00.

Small-Flowering Clematis

Davidiana. Deep lavender.

Flamula. Is covered with fragrant white flowers.

Graveolens. The best of the yellows.

Paniculata. This is the new Japanese, pure white flowers of most pleasing fragrance.

Coccinea. Thick bell-shaped scarlet flowers.

Strong two-year-old plants, each 50c., per doz. \$5.00.

DAHLIAS IN SEPARATE COLORS

Very Fine. Choice varieties under color. Red shades, white, pink shades, yellow shades variegated. Strong Clumps. Each 12c., per doz. \$1.25, per 100 \$9.00.

Mixed. All colors. Double. Strong clumps. Each 10c., doz. \$1.00.

Mixed. All colors. Single. Strong clumps. Each 10c., doz. \$1.00.

GLADIOLUS (Large-Sized Bulbs)

All Colors, very Choice Mixed. Each 4c., per doz. 25c., per 100 \$1.75, per 1000 \$14.00.

White and Light Colors. Each 5c., per doz. 40c., per 100, \$2.75, per 1000 \$20.00.

Yellow Shades. Each 5c., per doz. 40c., per 100 \$3.00.

Scarlet and Crimson. Each 4c., per doz. 25c., per 100 \$1.75, per 1000 \$13.00.

Pink and Variegated. Each 5c., per doz. 40c., per 100 \$2.25, per 1000 \$20.00.

Lemoine's Butterfly. Extra fine mixed. Each 5c., per doz. 40c., per 100 \$2.25.

GERANIUMS

All the best and most satisfactory bedding varieties. Per doz. \$1.20, per 100 \$8.00, per 1000 \$75.00.

HOLLYHOCKS (Chater's Double)

Strong Plants. Will bloom the first season. White, yellow, pink, scarlet. Each 20c., per doz. \$2.00.

Mixed. Each 15c., doz. \$1.50.

HONEYSUCKLES (Woodbine)

Halliana. Flowers pure white, turning to yellow. Fragrant, hardy evergreen; flowers freely.

Variegated. Foliage beautifully mottled yellow and green. Each 25c., to 50c., per doz. \$2.50 to \$5.00.

HYDRANGEA

Paniculata Grandiflora. The popular hardy Hydrangea. Strong plants. Each 25c., doz. \$2.50; extra large plants, each 50c., doz. \$5.00.

IRIS KÄMPFERI (Japanese Iris)

Hardy. Strong roots. Will bloom this season.

Mixed. Of all colors. Each 15c., per doz. \$1.50.

LILIES (Hardy)

Auratum (Golden-banded Japan). Extra large bulbs, 11 to 13 inches in circumference; each 20c., per doz. \$2.00, per 100 \$10.00. Bulbs 9 to 11 inches in circumference; each 15c., per doz. \$1.50, per 100 \$8.00. Bulbs 7 to 9 inches in circumference; each 10c., per doz. \$1.00, per 100 \$6.00.
 Lancifolium Speciosum Album. Extra large bulbs. Pure white Japan Lily. Each 20c., per doz. \$2.00, per 100 \$12.00.
 Lancifolium Speciosum Rubrum. Very large bulbs. Each 15c., per doz. \$1.55, per 100 \$16.00.
 Lancifolium Speciosum Roseum. Extra large bulbs. Each 15c., per doz. \$1.50, per 100 \$10.00.
 Tigrinum (Tiger Lily). Each 10c., per doz. \$1.00, per 100 \$8.00.

MADEIRA OR MEXICAN VINE

Large Selected Bulbs. Each 5c., per doz. 40c.

PEONIES (Herbaceous)

Extra fine large clumps, with three and four eyes. Finest varieties.
 Double Pink. Each 25c., per doz. \$2.50, per 100 \$15.00.
 Double White. Each 25c., per doz. \$2.50, per 100 \$15.00.
 Double Red. Each 25c., per doz. \$2.50, per 100 \$15.00.
 Double Mixed. Each 20c., per doz. \$2.00, per 100 \$13.00.
 Tenuifolium. Fine feathery graceful foliage; flowers very rich crimson. Very highly recommended. Each 25c., per doz. \$2.50.

ROSES—Standard Sorts.

True to name. Fine plants. Grown over winter in cold houses, which produce the best results for outside planting.

American Beauty. Crimson. The best hybrid tea.
 Baltimore Belle. White climber.
 Bridesmaid. Pink. (Tea).
 Bride. Pure white. (Tea).
 Captain Christy. Pink; perpetual.
 Coquette des Alps. White. Ever-blooming.
 Crimson Rambler. Climbing.
 Dinsmore. Rich crimson. Perpetual.
 Glorie de Dijon. Perpetual.
 General Jacqueminot. Crimson. Perpetual.
 Glory of Mosses. Pink. Moss.
 Hermosa. Pink. Ever-blooming.
 La France. Pink. Hybrid tea.
 Maman Cochet. Pink. Ever-blooming.
 Mrs. John Laing. Pink. Perpetual.
 Marechal Neil. Yellow climbing. (Tea).
 Meteor. Crimson. (Tea).
 Papa Gontier. Carmine. (Tea).
 Perle des Jardins. Yellow. (Tea).
 Prairie Queen. Red Climbing. Perpetual.
 Ulrich Brunner. Scarlet. Perpetual.

We can furnish all other varieties of Roses.

Extra Strong Plants. Grown in 5-inch pots. Each 30c., per doz. \$5.00, per 100 \$35.00.

Three-Year-Old, Extra Strong. Grown on their own roots, best varieties. Each 75c., per doz. \$1.00.

TUBEROSES (Extra Large Blooming Bulbs)

Excelsior Pearl. Each 4c., per doz. 25c., per 100 \$1.50, per 1000 \$10.00.
 Tall Double. Each 4c., per doz. 25c., per 100 \$1.50, per 1000 \$10.00.
 "Albino." The flower spikes are very large and evenly filled; flowers in July and August. The tube and expanded sepals being of the purest waxy white, making it one of the most valuable plants ever introduced for cut flowers. The odor is less heavy than that of the ordinary Tuberose. Each 5c., doz. 50c., per 100 \$3.00.

TIGRIDIA (Shell Flower)

Beautiful summer flowering bulbs, producing large flowers, exquisitely spotted; flowering from July to October.
 Conchiflora. Orange with crimson spots. Each 5c., per doz. 40c., per 100 \$3.00.
 Pavonia Grandiflora. Red, with yellow spots. Each 5c., doz. 40c., per 100 \$3.00.

In the selection of our seeds we make **QUALITY**
 our first consideration, price afterwards.

FERTILIZERS

NOLL'S PERFECTION LAWN FERTILIZER

This fertilizer is prepared so that it acts gradually through the season. It may be applied at any time during the spring or autumn, or during summer only when it rains. It will restore lawns and grass plots to full luxuriance that have been nearly ruined by drought. 5 lbs. 25c., 25 lbs. 75c., 50 lbs. \$1.25, 100 lbs. \$2.50, 200 lbs. \$4.50.

NOLL'S (STRICTLY PURE AND FRESH) BONE MEAL

In fertilization nothing takes precedence in importance over animal bones, because they furnish the soil with the essential requisite of nitrogen as well as phosphoric acid. One ton of good bone dust contains as much nitrogen as 8½ tons fresh stable manure, and as much phosphoric acid as 110 tons of same. The most substantial fertilizer for plants and lawns. 5 lb. bag 25c., 10 lbs. 40c., 25 lbs. 75c., 100 lbs. \$2.00, sack of 200 lbs. \$3.50, ton \$30.00.

PURE GROUND BONE

Coarser than bone meal; apply 400 lbs. to the acre. 25 lbs. 75c., 100 lbs. \$2.00, sack of 200 lbs. \$3.50, ton \$30.00.

PURE BONE FLOUR

Ground perfectly fine; excellent for pot plants or beds where an immediate effect is wanted. 5 lbs. 25c., 25 lbs. \$1.25, 100 lbs. \$2.50, bag or bbl. of 200 lbs. \$4.50, ton \$40.00.

PULVERIZED SHEEP MANURE

A very rich, pure natural manure. It is excellent as a top-dressing for lawns. Its effect is immediate and very lasting. There is nothing better for mixing with the soil for greenhouse plants—one part manure and six parts soil. It is recommended for use in the vegetable garden, promoting a rapid and steady growth. It makes a rich and safe liquid manure—1 pound to 5 gallons of water. 5-lb. package 30c., 10 lbs. 50c., 50 lbs. \$1.25, 100 lbs. \$2.00, ton, \$30.00.

BOWKER'S FOOD FOR FLOWERS

A dressing made expressly for plants grown in the house, garden or conservatory; clean, odorless and producing early and abundant blossoms, and healthy, luxuriant plants. One small package is enough for thirty plants for three months. Decidedly the best dressing for potted plants. Small packages 15c each, large packages 25c.

NITRATE OF SODA

For stimulating growth of plants. 5-lb. package 30c., 10-lb. package 50c., 50-lb. bag \$2.00, 100 lbs. \$3.75.

UNLEACHED WOOD ASHES

Per bag of 100 lbs. \$1.50, bbl. of about 200 to 300 lbs. \$1.25 per 100 lbs., ton \$20.00.

SUNDRIES

"Erie" Rat Traps. Always sure. Each 30c.

Grafting Wax. Finest quality, in bars, with directions for use. Lb. 25c.

SMALL FRUITS, ETC.

CURRENTS

Currents should be planted on good soil, which must be kept rich and well worked. Sprinkle ashes around the roots occasionally, to keep the borers away. The currant worm may be destroyed by sprinkling the bushes with powdered white hellebore while they are wet with dew. When it has been applied, the fruit should not be used without first being washed.

Black Naples. Vigorous and productive; used for jelly and jams, and highly profitable for market in some sections. Two years, per doz. \$1.25, per 100 \$7.00.

Fay's Prolific. Color rich red. Two years, each 15c., per doz. \$1.25, per 100 \$7.50.

Red Dutch. Medium size; in large bunches; the old and well-known currant of the garden. Two years, per doz. \$1.00, per 100 \$6.00.

White Grape. The best white variety; large, sweet and good; best for the table; a good bearer. Two years, very fine, per doz. \$1.00, per 100 \$6.00.

BLACKBERRIES

Plant in good rich soil, in rows five feet apart, and three or four feet apart in the row. After the fruiting season or in early spring, cut out all the dead wood. Should be planted early, before the buds start. A good top dressing of stable manure, applied annually, produce large crops. Keep the ground clean and well worked.

Erie. An excellent early berry; ripens its entire crop at once; Berries good size, black, firm, sweet and of good quality. Per doz. 60c., per 100 \$3.00.

Kittatinny. Large, juicy, sweet and excellent; hardy and productive. Considered the best and most profitable late berry. Per doz. 50c., per 100 \$2.50.

Wilson's Early. A well-known and desirable variety; ripens early. Per doz. 50c., per 100 \$2.50.

Wilson's Junior. Of large size, unsurpassed productiveness, fine flavor and early. The largest and best early blackberry yet introduced. Per doz. 50c., per 100 \$2.50.

GOOSEBERRIES

Treatment same as for Currants.

Downing. Large pale green; soft, juicy and good for family use. Two years, per doz. \$1.00, per 100 \$6.00.

Houghton's Seedling. Medium, pale red, vigorous. Two years, per doz. \$1.00, per 100 \$6.00.

Industry. Although a foreign sort, it has done admirably, being a vigorous grower and an immense yielder, and showing no signs of mildew. We confidently recommend it for the garden, being unequalled for size, flavor, productiveness and vigorous growth. Color dark red. Each 25c., per doz. \$2.00.

RASPBERRIES

Plant in rows five to six feet apart, two to four feet apart in the row. Cut the tops off within a few inches of the ground when planted. Pinch the vigorous young shoots several times during the summer; they will then grow stout enough to stand without staking.

Brandywine. Large; bright red, hardy and productive; an old variety, extensively grown. Per doz. 50c., per 100 \$2.50.

Cuthbert. Large, firm, deep, rich crimson, of excellent quality; perfectly hardy and very productive. Per doz. 50c., per 100 \$2.50.

Philadelphia. Dark crimson; a variety grown for market, on account of its hardness and productiveness. Per doz. 75c., per 100 \$3.00.

Gregg. A large black variety; fruit firm, of excellent quality and a good shipper. Per doz. 50c., per 100 \$2.00.

Japanese, or Wineberry. Large clusters of red berries, excellent for jelly or preserving. Each 10c., per doz. \$1.00.

HARDY GRAPE VINES

Very strong two year old roots, true to name. Each 25c., per doz. \$2.50, per 100 \$12.50.

Catawba. A very good keeper; red, sweet and rich, with pleasant flavor. Does best against buildings.

Concord. One of the most profitable of all hardy grapes. Bunch and berry large; black, juicy and sweet.

Duchess. Medium size; greenish white; excellent quality; compact bunch. Ripens with Concord.

Martha (White Concord.) Large, pale yellow; strongly resembles the Concord in all points except color; hardy and vigorous.

Moore's Early. Bunch and berry round and large; black with a heavy blue bloom.

Niagara. Bunches very large and very compact; berries large, light greenish white, skin thin but tough, and does not crack; quality good.

We also have some extra strong vines of the above sorts each 50c. doz. \$5.00.

STRAWBERRY PLANTS—EXTRA STRONG

All the leading and tested varieties. Per doz. 25c., per 100 \$1.00, per 1,000 \$5.00.

Hedge Plants

CALIFORNIA, OR JAPAN PRIVET

An exceedingly beautiful, nearly evergreen; shrub pyramidal form; very vigorous and hardy; leaves deep green, bright and very glossy; bears spikes of fine white flowers in June; highly ornamental. This is decidedly superior to other plants for edges. Especially adapted for hedges at the seashore; very easily transplanted. Beware of spurious kinds of privet which are being offered for the above and which are not nearly so desirable; ours are the genuine California or Japan privet (*Ligustrum Ovalifolium*). Most of them have been transplanted and are furnished with an abundance of fine, fibrous roots, are well branched and are sure to give satisfaction.

One year old, 1 to 2 feet high. Per 100 \$2.50, per 1,000 \$20.00.

Two years old, 2 to 2½ feet high. Per 100 \$3.50, per 1,000 \$30.00.

Three years old, 2½ to 3 feet high. Extra fine. Per 100 \$5.00, per 1,000 \$35.00.

OSAGE ORANGE

Extra strong two year old plants. Per 100 \$1.00, per 1,000 \$7.50.

INSECTICIDES, ETC.

Jersey Peat. Best quality, bbl. \$1.50, 5-bbl. lots \$1.25 per bbl.

Jute Twine. For tying plants or vegetables. Lb. 12c.

Moss (Sphagnum). Bbl. \$1.25.

Orchid Peat, Lapp's. The best in the market. Bbl. \$2.00.

Raffia. The best material for tying plants, vines, etc. Lb. 20c.

Bordeaux Mixture. For black rot, downy mildew, and anthracnose of grape, potato blight, potato rot, leaf blight of cherry, pear, quince and other fungus diseases. 5 lbs. 60c., makes 25 gallons spray, 10 lbs. \$1.00, makes 50 gallons spray, 25-lb. box, makes 125 gallons, \$2.50.

Bordeaux Mixture. In liquid form. Qt. 40c., gal. \$1.00.

Copperdine. For black rot, carnation rust and anthracnose of the grape, pear leaf blight, apple scab and powdery mildew. One gallon can (makes 100 gallons wash), qt. 50c., gal. \$1.50, 5-gal. can \$6.25.

Fir Tree Oil. For destroying insects, such as mealy bug, red spider, scale, thrip, green fly, etc. Full directions with each can. Qt. \$1.50, pt. 75c., $\frac{1}{2}$ pt. 50c., small bottle 25c. Fir Tree Oil Soap. Per Can, each 25c., and 50c.

Grape Dust. Best remedy for mildew. 5-lb. package 30c. 100-lb. keg \$5.00.

Hellebore. For destroying rose slugs. With directions. Lb. 25c., $\frac{1}{2}$ lb. 15c.

Nikoteen. One of the most economical and powerful nicotine extracts. One part to 600 of water is sufficiently strong to kill all insects, except scale, for which use one part to 400 parts of water. Pt. \$1.50. Outfit for using Nikoteen, complete. \$3.00.

Paris Green, Pure. Lb. 25c., 5 lbs. \$1.20, 14-lb. buckets \$3.00.

Slug Shot. 5 lbs. 25c., 100 lbs. \$4.25.

Sulphur. A preventive and cure for mildew. Lb. 7c., 5 lbs. 30c., 100 lbs. \$4.00.

Tobacco Dust. Cheaper than snuff and quite as effectual. Sure remedy for green fly. 5-lb. package 25c., 100 lb. \$3.00.

Tobacco Soap (Pinners). For destroying insects, parasites and their eggs, infesting either plants or animals. Lb. 40c.

Whale Oil Soap. For destroying and preventing insects on plants, trees, vines, etc.; for washing down the bark of trees, grape vines, etc. In cans, with directions, 20c., 35c., and 50c.; in bulk, 10 lbs. 90c.

POULTRY SUPPLIES.

Fresh Foods for Poultry, etc.

Animal Meal (Bowker's). Five lbs. for 20c., 10 lbs. 40c., 25 lbs. 75c., 50 lbs. \$1.25, 100 lbs. \$2.25.

Barley. Per qt. 15c., bush. \$1.00.

Bone (Granulated). The use of ground bone tends to keep fowls in good health, and materially aids laying hens. Five-lb. pkg. 20c., 25 lbs. \$1.00, 100 lbs. \$2.25, 200-lb. bag \$4.00.

Buckwheat. For pigeons and young poultry. Per qt. 10c., peck 30c., bush. \$1.00.

Clover Meal (Pioneer). Best quality. Five lbs. 25c., 25 lbs. 75c., 50 lbs. \$1.00, 100 lbs. \$2.00.

Charcoal (Ground). A little ground charcoal mixed with the soft feed in the morning, once or twice a week, keeps them healthy. One lb. 10c., 5 lbs. 40c., 10 lbs. 75c.

Cut Clover Hay. Excellent food for winter and early spring. Forty-lb. bag \$1.00, 100 lbs. \$2.00.

Chick Manna, or Food for Little Chicks. Specially prepared for little chicks when first hatched. Should be the first and only food, and continued for ten or twelve days before feeding anything else. Directions for feeding on each package. One-lb. pkg. 10c. (by mail 25c.), 5-lb. pkg. 40c., 60-lb. box bulk \$4.20.

Death to Lice Powder. (Lambert's.) Fifteen-oz. box 25c., 48-oz. box 50c., 100-oz. box \$1.00.

Eggs (Nest). Porcelain, each 3c., per doz. 30c. Medicated, each 4c., per doz. 40c.

Gape Cure. (Madoc.) Six-oz. can 20c., $\frac{7}{8}$ -lb. can 35c.

Hemp Seed. Used largely for feeding birds and pigeons. Per qt. 15c., peck 60c., bush. \$2.00.

Meat for Poultry (Prepared). This is prepared with great care. It is the finest thing we know of to cause hens to lay during the winter; extremely profitable to feed. Ten lbs. 40c., 50 lbs. \$1.25, 100 lbs. \$2.25, 500 lbs. \$12.00, ton \$42.00.

Mica Crystal. For digestion. Five lbs. 15c., 10 lbs. 25c., 25 lbs. 40c., 100 lbs. \$1.00. Two grades, fine and coarse.

Oyster Shell (Fresh Ground). The finest article to feed for shell-making. Five lbs. 10c., 25-lb. bag 40c., 100 lbs. 75c., ton \$12.00.

Peas (Canada Field). Per qt. 10c., peck 50c., bush. \$1.00.

Pratt's Food. Will make hens lay all the year, and is excellent for feeding to young chicks. For large fowls mix one ounce with the food for fifteen or twenty. For fifteen or twenty chicks give one-half ounce every other day. One and one-half-lb. pkg. 25c., 5-lb. pkg. 60c., 12-lb. bag \$1.25, 25-lb. bag \$2.50.

Roup Preparation. Sure cure. $\frac{1}{2}$ -lb. pkg. 20c., 1-lb. pkg. 40c.

Roup Pills. (Havens). Per box 25c., per doz. boxes \$2.50, per box of 250 pills \$1.00.

Rust's Egg Producer. One lb. 25c., 2 $\frac{1}{2}$ lbs. 50c., 6 lbs. \$1.00, 10 lbs. \$1.50, 25 lbs. \$3.50.

Sheridan's Condition Powder. Four-oz. pkg. 25c., 2 $\frac{1}{4}$ -lb. can \$1.00, six 2 $\frac{1}{4}$ -lb. cans \$5.00.

Sunflower Seed, Mammoth Russian. Per qt. 10c., peck 50c., bush. \$1.75.

"IRON AGE" Garden and Farm Implements

Below we give cuts and prices of some of the important "IRON AGE GARDEN TOOLS." We will send free, upon application, a copy of the 1900 "Iron Age" Catalogue, which will give a detailed description of these tools and many others.

The No. 6 "IRON AGE"

Double Wheel Hoe, Hill and
Drill Seeder

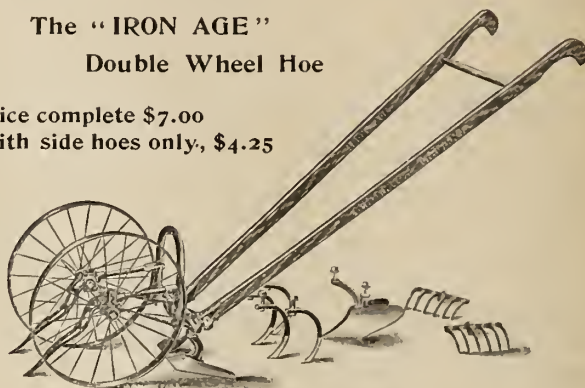
Price \$12.00



The "IRON AGE"

Double Wheel Hoe

Price complete \$7.00
With side hoes only, \$4.25



The No. 9 "IRON AGE"

Single Wheel Hoe

Price \$5.50



"IRON AGE" No. 8

Hill and Drill
Seeder

Price \$12.00



"The No. 12 IRON AGE"

Wheel Plow
and Cultivator

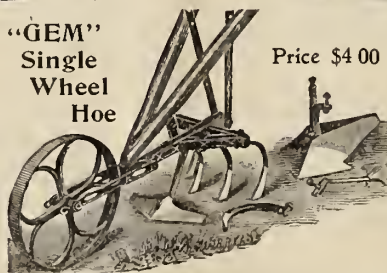
Price \$3.50



"GEM"

Single
Wheel
Hoe

Price \$4.00



THE NEW MODEL SEED DRILL

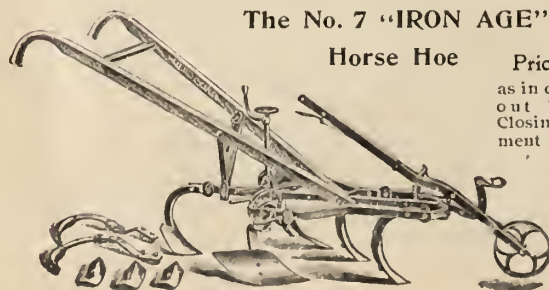
Price \$7.00



The No. 7 "IRON AGE"

Horse Hoe

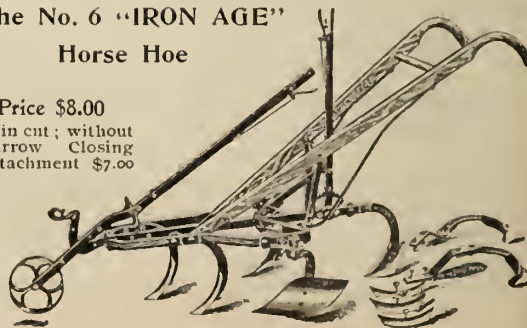
Price \$8.50
as in cut; with-
out Furrow
Closing Attach-
ment \$7.50



The No. 6 "IRON AGE"

Horse Hoe

Price \$8.00
as in cut; without
Furrow Closing
Attachment \$7.00

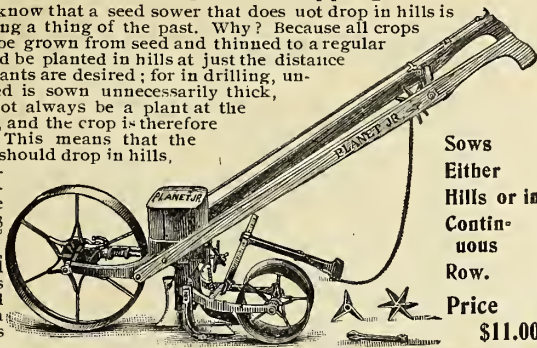


"PLANET JR." FARM AND GARDEN TOOLS

Space will not permit our showing and describing all of the "Planet Jr." tools, but we will send a fully illustrated catalogue FREE FOR THE ASKING to any who desire it. "Planet, Jr." goods are standard machines; the best; yet great improvements have been made for 1900.

"PLANET JR." No. 3 Hill Dropping Seed Drill

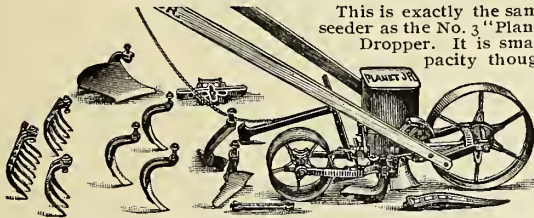
We all know that a seed sower that does not drop in hills is fast becoming a thing of the past. Why? Because all crops that are to be grown from seed and thinned to a regular stand should be planted in hills at just the distance apart the plants are desired; for in drilling, unless the seed is sown unnecessarily thick, there will not always be a plant at the proper spot, and the crop is therefore irregular. This means that the seed sower should drop in hills, and at various distances. The new No. 3 "Planet Jr." drops at 4, 6, 8, 12 and 24 inches apart, and also in a continuous row, without injury to the seed, and can be changed from hill to drill instantly, or from one distance to another very quickly.



Sows
Either
Hills or in
Continuous
Row.
Price
\$11.00

No. 4 Combined Hill Dropping Seeder

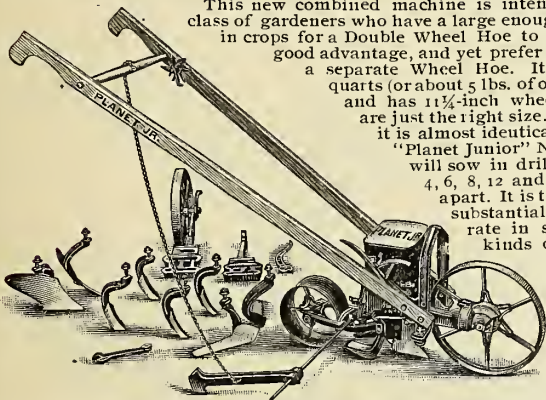
This is exactly the same style of seeder as the No. 3 "Planet Jr." Hill Dropper. It is smaller in capacity though still of good size, holding two quarts. It drops in hills at 4, 6, 8, 12 and 24 inches apart and



in drills any thickness, handling the smallest paper of seed perfectly. The drill is detached and the tool frame substituted by moving but one bolt. It then becomes one of the most admirable Single Wheel Hoes of the "Planet Jr." family. Price complete \$12.00. As a drill only, \$8.50

No. 25 Combined Hill and Drill Seeder

This new combined machine is intended for a class of gardeners who have a large enough acreage in crops for a Double Wheel Hoe to be used to good advantage, and yet prefer not to buy a separate Wheel Hoe. It holds 2½ quarts (or about 5 lbs. of onion seed) and has 11½-inch wheels—which are just the right size. As a drill it is almost identical with the "Planet Junior" No. 4 Drill; will sow in drills or hills, 4, 6, 8, 12 and 24 inches apart. It is thoroughly substantial and accurate in sowing all kinds of garden seed in either hills or drills. As a Wheel Hoe it is identical with the "Planet Jr." No. 12 Double Wheel Hoe. The change from Drill to Wheel Hoe takes but a moment.



12 Double Wheel Hoe. The change from Drill to Wheel Hoe takes but a moment. Price \$14.00

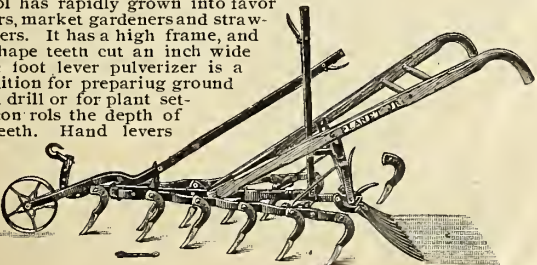
THE "FIRE-FLY PLOW"

This tool is invaluable for those who have small gardens. The mould-board is tempered and polished steel. The depth may be changed very quickly. Price \$2.50

"PLANET JR." Harrow and Cultivator

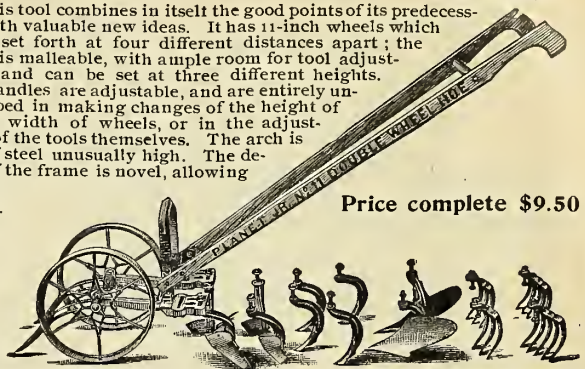
PRICE, PLAIN, \$6.50; WITH WHEEL, \$8.25; COMPLETE, \$10.00.

This tool has rapidly grown into favor with farmers, market gardeners and strawberry growers. It has a high frame, and the chisel-shape teeth cut an inch wide each. The foot lever pulverizer is a capital addition for preparing ground for the seed drill or for plant setting, and can roll the depth of the rear teeth. Hand levers regulate both width and depth while in motion; it contracts to 12 inches and expands to 32 inches. It cultivates deep without throwing dirt upon the plants, and the smooth, round-throated teeth turn strawberry runners without injuring them. For cutting strawberry runners we make a special attachment, extra \$1.75.



"PLANET JR." No. 11 Double Wheel Hoe

This tool combines in itself the good points of its predecessors, with valuable new ideas. It has 11-inch wheels which can be set forth at four different distances apart; the frame is malleable, with ample room for tool adjustment, and can be set at three different heights. The handles are adjustable, and are entirely undisturbed in making changes of the height of frame, width of wheels, or in the adjustment of the tools themselves. The arch is of stiff steel unusually high. The design of the frame is novel, allowing all changes of tools to be made without removal of the nuts from the standards. The variety of work possible with this machine is incredible, and has our unqualified endorsement.

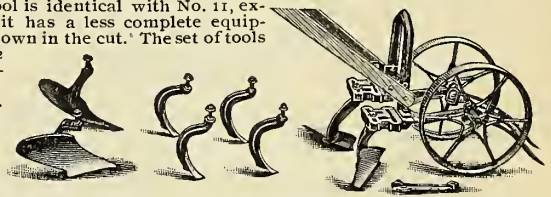


Price complete \$9.50

"PLANET JR." No. 12 Double Wheel Hoe

This tool is identical with No. 11, except that it has a less complete equipment, as shown in the cut. The set of tools with No. 12 is what gardeners need most.

Price
\$7.25

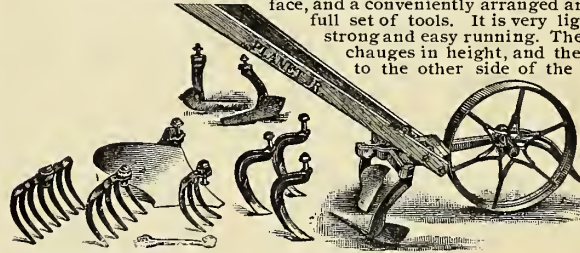


"PLANET JR." No. 13 Double Wheel Hoe

This tool is the No. 11 with 6-inch hoes only, this pair of tools being most generally useful at all seasons. Any of the No. 11 tools may be added at any time. Price \$4.75

No. 15 Single Wheel Hoe

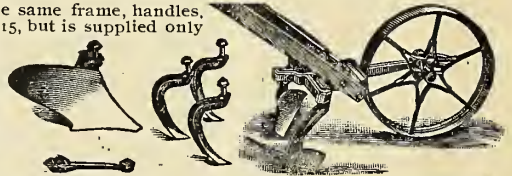
This latest and best Single Wheel Hoe, has an 11-inch wheel, with broad face, and a conveniently arranged and very full set of tools. It is very light and strong and easy running. The frame changes in height, and the wheel to the other side of the frame, when both sides of the row can be hoed at one passage.



Price \$7.25

"PLANET JR." No. 17 Single Wheel Hoe

This has the same frame, handles, etc., as the No. 15, but is supplied only with a pair of 6-inch hoes, a set of cultivator teeth and a plow, a sufficient outfit for most gardening work. The others can be added at any time.



Price \$4.75

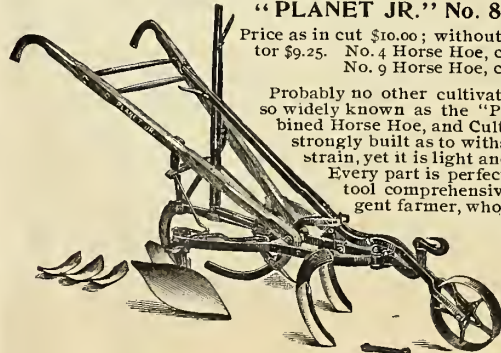
"PLANET JR." No. 18 Single Wheel Hoe

With the same frame and handles as No. 15, it has one pair of 6-inch hoes only. The remainder you buy as wanted.

"PLANET JR." No. 8 Horse Hoe

Price as in cut \$10.00; without Depth Regulator \$9.25. No. 4 Horse Hoe, complete \$7.25. No. 9 Horse Hoe, complete \$8.50.

Probably no other cultivating machine is so widely known as the "Planet Jr." Combined Horse Hoe, and Cultivator. It is so strongly built as to withstand incredible strain, yet it is light and easy to handle. Every part is perfected to make the tool comprehensive to the intelligent farmer, who knows the best is always the cheapest.



HORTICULTURAL IMPLEMENTS AND GARDEN REQUISITES

Asparagus Knives, Best English (Saw Blade)	Each \$1 00	Lawn Rakes, Steel Wire, for lawns.	Each 60		
" " American. Useful also for removing		" " Wooden, for lawns.	40		
docks, dandelions, etc., from lawns	35	Mats, For Covering Sashes. Made of jute, stitched			
Bellows, Woodason's Powder. For helleboro, tobacco		through, hemmed with canvas and thickly padded ;			
dust, etc.	\$1.00, \$2.00 and 3 00	size 76 inches by 76 inches; one mat covers two			
Bill and Brush Hooks, for heavy pruning	1 50	sashes. An excellent article, cheap and durable . .	\$1 50		
Dibbles, all iron	35	Mole Traps, Olmstead's Improved	1 50		
Forks, Digging or Spading.	75c. to 1 00	Pincers, for glazing-points	50		
" Hay or Stable.	50c. to 75	"Planet Jr." Drills. (See page 27.)			
" Ladies' Short-handled or Strawberry Forks. .	75	Plant Stakes, Painted Green—			
" Manure, Long and Short-handled	75c. to 1 00	Per Doz. Per 100	Per Doz. Per 100		
Fruit Pickers.	25	2 feet	\$0 25 \$1 75	5 feet, extra heavy \$1 10 \$7 50	
Fumigator, "Eureka." For fumigating with tobacco		3 "	50 3 50	6 " " " 1 50 9 50	
stems	No. 1 holds ½-peck stems . . . 1 50	4 "	75 5 00		
No. 2 holds 1-peck stems	2 00	Southern Canes, 7 to 10 feet long, \$10.00 per 1,000. . .		1 25	
No. 3 holds ½ bush. stems	2 50	Pruners, Waters' Long-handled Tree—			
Garden Lines, Finest Braided ; 100 feet	50	4 feet	Each \$0 75	8 feet	Each \$1 00
" Reels, for above ; of wrought iron	75c. and 1 00	6 "	80 10	10 "	1 10
" Pencils, Wolff's Indelible Black	15	Raffia, for tying	Per lb. 20c., 5 lbs. 90c., 10 lbs. \$1 50	Rakes, American Garden. Steel-handled	40c. to 60
Glazing Points, Van Reyper's Perfect	50	Rakes, Lawn. (See under Lawn Rakes.)		Rollers.	
Grafting Wax, in ¼, ½ and 1-lb. packages.	30c per lb.	Saws, Pruning. Various sizes and kinds	70c. to 1 25	Scythes, English Lawn. Cast steel, 34 to 38 inches. .	
Grass Border Shears	\$2.25 to 2 75	" Rifles, Triple Emery-Coated	Per doz. \$1.50 15	Shears, Grass Border, best English, 8, 9 and 10 inches. .	\$2.25 to 2 75
" Edging Knives (English)	\$1.50 to 2 00	Shears, Hand-Pruning, Wiss' Solid Steel. Three sizes. .		9 inches	2 25
" Hooks, or Sickles, best English, welded back, 35c. .	70	10 "	2 50	11 "	2 75
Hedge Shears, English, 8 to 10-inch blade	\$1.50 to 3 00	Shears, Hedge. Four sizes	\$1.25 to 3 00	" Pole-Pruning, Wiss'. Two sizes	\$2.50 and 3 00
Hoes, Draw or Corn	40c. to 50	" Ladies' Small Pruning	35	" Perfection Pruning.	
" Grub.	75	The best made. No. 1, 7 inches.	2 00	No. 2, 8 "	2 50
" Scuffle, Dutch or Push, 4 to 10-inch	40c. to 80	No. 3, 9 "	3 00	No. 4, 10 "	3 50
" Triangular. Used also as Tree Scrapers.	75	" Watch-spring English Pruning.	\$1.50 to 2 00	" Waters' Long-handled Tree Pruner.	
Hose Nozzle, "Bordeaux." The simplest and best spray-		Shears, Spring Grass. For trimming grass.		American.	40c. to 60
ing Nozzle made. For ¼-inch pipe or ½-inch hose. .	75	English.	1 25	Shovels, Ames' Best Cast Steel. Square and diamond-	
Hose Nozzle, Child's "Rain-Maker".	50	Shovels, Ames' Best Cast Steel	1 25	pointed ; long or short handles	1 25
" Coupling and Stock. Has ¼-inch pipe		Sprinklers, Scollay's Rubber	1 00	Spades, Ames' Best Cast Steel	1 00
thread which fits the Bordeaux Nozzle. Opposite end		" Angle-necked Rubber.	1 00	" Atlas Rubber Plant	75
for ½-inch or ¾-inch hose, as ordered	25	Twine, Green Smilax	Per lb. 50c.	Trowels, Solid Shank, Cast Steel, very strong.	50c. to 60
Hose Menders. Useful articles for repairing rubber hose	10	Watering Pots, Fench Model. Galvanized iron.		6 qts. \$1.50 ; 8 qts. 2 00	
Hyacinth Glasses, various styles. (See Bulb Catalogue)		" " For Greenhouse Use	3 50	" " The "Common Sense" 4 qts. 90c., 6 qts. 1 10	
Knives, Asparagus, English (Saw Blade)	1 00	Weeders, Excelsior	15	" Lawn. For removing dock, dandelion, etc.;	
" American	35	" can also be used as an Asparagus Knife	35	" Cleveland Lawn Weeder. For extracting the	
" Budding and Pruning, best English	\$1.00 to 2 00	" roots of docks, etc. Can be used easily and		" without stooping.	50
" Grass Edging.	\$1.50 to 2 00	" Noyes'.	25	" Lang's.	25
Labels, Wooden Pot and Garden—		" New Hand.	15	Wheelbarrows. For garden use. Two sizes—	
—PLAIN—	Per 100 1,000	Medium	3 75	Large	4 25
4 inch	\$ 15 \$0 60				
4½ "	15 80				
5 "	15 90				
6 "	20 1 00				
8 "	40 3 50				
12 "	55 4 50				
Labels, Wooden Notched Tree—					
—PLAIN—	Per 100 1,000				
3½-inch.	\$0 10 \$0 60				
6 "	20 1 50				
3½ " copper wired.	20 1 75				
Lawn Rakes, English or Daisy.	\$2 50 to \$3 50				
" " The "Automatic." The only Rake that will					
clear itself from grass. It is light and easily handled.					
A backward motion of the Rake from the operator					
will clean all the teeth at once. The teeth are made					
of the best hickory, that will not tear up the sod as					
most Rakes do. 26-teeth size, 80c. each ; 38-teeth					
size, each	I 25				
Lawn Rakes, The "Lawn King." Made with the teeth					
very close together, and will not allow the finest grass					
to pass between. It will not tear the sod as other					
Lawn Rakes do. 26-teeth size, each 35c.; 38-teeth					
size, each	50				

The Victory Ball-Bearing Lawn Mower

BALL BEARINGS
TRIPLE GEAR
EASIEST WORKING
FINEST FINISHED
LONGEST LASTING

The Victory Ball-Bearing
is in every respect the best
Lawn Mower ever made



THE FOLLOWING ARE ITS SPECIAL FEATURES:

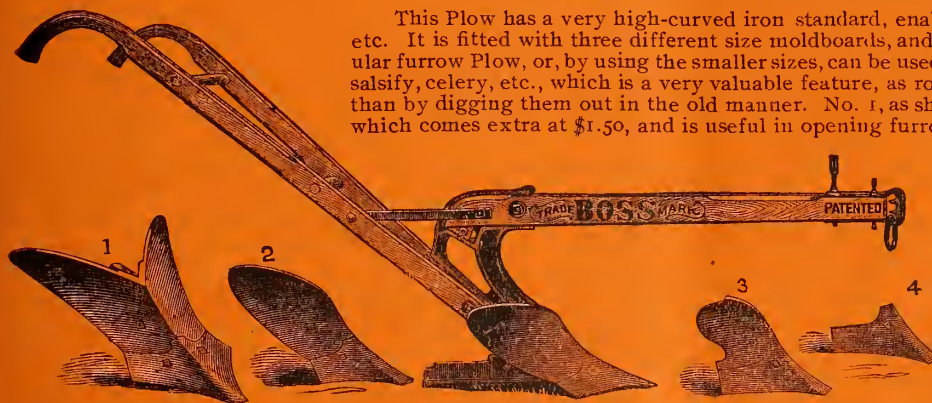
Ball Bearings, exact to $\frac{1}{1000}$ of an inch, which reduces the friction astonishingly, making it possible to use wider-cut machines. With this Mower a lawn can be mown in a much shorter time, and with much greater ease, than with any other Mower made. **Triple Gears**, entirely enclosed, making it impossible for any dirt or cut grass to get into the pinions and clog them. **A Solid Rectangular Frame**, that cannot be twisted or jarred out of parallel, the two side frames being bound tightly together by means of two cold die-drawn steel bolts, which make the most rigid frame ever built, and permits of the Mower being readily taken apart. **A Removable Cutter Bar**, which, by loosening four small screws, may be rolled out of the machine for sharpening, without disturbing the frame. **Micrometer Adjustment for Cones and Ball Cups**—The slight wear of the cones, balls and cases, consequent upon long continued use, is perfectly compensated for by two screws (other machines have six, and some ten to accomplish this in parallel bearings). **Double Steel Ratchet**, making the knives cut the instant you move the Mower, a delightful contrast from the old-style Mowers. **Cold Die-Drawn Steel Axles**; hard and stiff, and true to within $\frac{1}{1000}$ of an inch, which, with the cast-iron hub of the wheels, bored and reamed to a perfect fit, make an ideal bearing—much superior to cast-iron axles in cast-iron hubs. **Material**—Knives of first-class high-grade steel, hardened and tempered. Spiders (to which the revolving knives are riveted) and roller brackets of very best malleable iron. Side frames and wheels of best gray iron. Shafts of cold die-drawn steel.

PRICES OF THE VICTORY BALL-BEARING HIGH-WHEEL MOWER:

14-inch cut	\$8.50	18-inch cut.	\$10.50	22-inch	\$12.50
16-inch cut	9.50	20-inch cut.	11.50	24-inch	13.50

THE MARKET GARDENERS' BOSS PLOW

This Plow has a very high-curved iron standard, enabling it to plow under vines, stubble, etc. It is fitted with three different size moldboards, and on this account can be used as a regular furrow Plow, or, by using the smaller sizes, can be used to throw out carrots, parsnips, beets, salsify, celery, etc., which is a very valuable feature, as roots can be taken out five times faster than by digging them out in the old manner. No. 1, as shown in the cut, is a *double* moldboard, which comes extra at \$1.50, and is useful in opening furrows and hilling up.



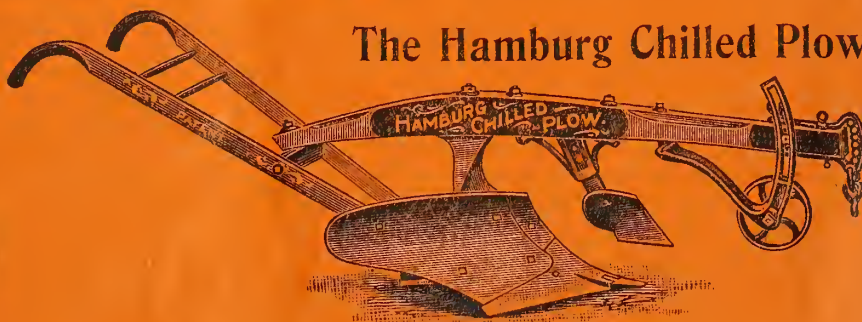
Price, Boss Plow, including 3
Moldboards and one extra
share \$5 00
Double Moldboard, extra . . . 1 50

PRICE-LIST BOSS PLOW PARTS

Share for Double Moldboard.	\$0 50
Other shares	25
No. 2 1/2 Moldboard	80
No. 2 Moldboard	60
No. 1 1/2 Moldboard	50
Landside.	35

THE HAMBURG PLOW

is the Peer of any
of the
Older Established Plows



The Hamburg Chilled Plow

DESCRIPTIVE CATALOGUE OF THE HAMBURG PLOWS WILL BE SENT ON APPLICATION

A LIST OF VEGETABLE SEEDS

WHICH CAN BE SOWN IN EACH MONTH FROM FEBRUARY TO SEPTEMBER

FEBRUARY

Sow in Hotbed.

Early Beans
Broccoli
Early Cabbage
Forcing Carrot
Early Celery
Cucumber
Egg-Plant
Early Lettuce
Parsley
Pepper
Radish
Tomato

**RUBICON
HALF LONG**

CARROT

The Most

Popular

Market Garden

CARROT

MARCH

Sow in Hotbed.

Early Beans
Early Beets
Broccoli
Brussels Sprouts
Early Cabbage
Forcing Carrot
Cauliflower
Celery
Cucumber
Egg-Plant
Kohlrabi
Lettuce
Melon
Parsley
Peas
Pepper
Radish
Tomato

Sow in Open Ground.

Beets
Carrot
Cress
Leek
Onion
Peas
Potatoes
Radish
Spinach
Early Turnip
Sweet Peas

APRIL

Sow in Hotbed.

Cucumber
Egg-Plant
Melon
Pepper
Tomato

Sow in Open Ground.

Asparagus
English Beans
Beets
Broccoli
Brussels Sprouts
Early Cabbage
Carrot
Cauliflower
Celery
Cress
White Endive
Kale
Kohlrabi
Leek
Lettuce
Onion
Parsley
Parsnip
Peas
Potatoes
Radish
Spinach
Early Turnip
Sage
Sweet Peas

MAY

Sow in Open Ground.

Artichoke
Asparagus
Beans, Bush and
Running
Beets
Broccoli
Brussels Sprouts
Late Cabbage
Carrot
Cauliflower
Celery
Sweet Corn
Cress
Cucumber
White Endive
Kale
Kohlrabi
Leek
Lettuce
Melon
Onion
Parsley
Parsnip
Peas
Potatoes
Radish
Rhubarb
Salsify
Spinach
Tomato
Early Turnip
All Herbs

JUNE

Sow in Open Ground

Beans, Lima and
other sorts.
Beets.
Broccoli.
Brussels Sprouts.
Early Cabbage.
Carrot.
Cauliflower.
Sweet Corn.
Cress.
Cucumber.
Endive.
Kale.
Kohlrabi.
Lettuce.
Melon.
Nasturtium.
Okra.
Early Peas.
Potatoes.
Pumpkin.
Radish.
Salsify.
Spinach.
Squash.
Herbs.

The Twentieth Century
LETTUCE

JULY

Sow in Open Ground

Beans.
Beets.
Carrot.
Sweet Corn.
Corn Salad.
Cress.
Cucumber.
Endive.
Gherkin.
Kale.
Kohlrabi.
Lettuce.
Nasturtium.
Okra.
Early Peas.
Pumpkin.
Radish.
Spinach.
Squash.
White Fr. Turnip.
Ruta-Baga.

Noll's SUPERIOR
CAULIFLOWER
The Earliest and Surest
Header

AUGUST

Sow in Open Ground.

Beans, Bush.
Tuberous Chervil.
Corn Salad.
Cucumber.
Endive.
Lettuce.
Welsh Onion.
Early Peas.
Radish.
Spinach.
Turnip.

PARISIAN

LONG

STANDING

SPINACH

The Best Variety

for Early

Spring Sowing

SEPTEMBER

Sow in Open Ground

Cabbage for cold-
frames.
Cauliflower for cold-
frames.
Tuberous Chervil.
Corn Salad.
Cress.
Siberian Kale.
Lettuce.
Mustard.
Winter Radish.
Spinach.
Turnip.
Sweet Peas.

MARKET GARDENER'S

NO. 2 CABBAGE

The Best Second Early

Variety

J. F. NOLL & CO., SEEDSMEN, 111 MULBERRY STREET, NEWARK, N. J.